### Good old Tyndale

The sud tale of William Tyndale School, its colldren, its parents and its teachers, bos been with us for a cuple of years now. Head-teschers porticularly, I tblnk, have been offected by it.

Traditionally regarding themselves as relatively immuna from interference, they were all suddenly faced with the idea that nil kinds of beaverings might be golden on undarneath them and behind their backs. They looked suspiciously around their staffronms, wondering who was getting up positions among who was getting up petitions among the purents, and they worried notate which of their monagers, fed up with precenting the cup ut sparts that, had started lobbying the town

hall.

The reoction of many ordinary teschers was probably more simple. We are, after all, fast nowspaper remling chlzons, and like everyone else we thrilled to do horror of the revolutions from far off Islington. We studied the descriptions of nuarrhy and political indectrination only we compared them wonderingly with the setisfying orderliness and obvious political neutrality of our own classroome. Eilia, Haddow et all were embraced as necassary boguymon by a profession which was coming increasingly under fire from outside.

The feeling was well expressed

frim outside,

The feolog was well expressed by a toacher to whom I offered to lend my copy of William Tyndnie, the Tunchers' Story, tha hook written by four of the teachers involved. "No," she aid, "I don't want to know what they have to sny. I can't see how they con justify rhomeelves."

sny. I cm't see how they con justify thonoelves,"
Graduelly, though, a more halmneed vinw emerges. As well of this teachers' book we have had Gretion and Jackoon's impressively impartial description of the events. (William Tyndola Collapse of o School—or o Sustam: The teachers, too, have been saidmonts in publicizing their cause and many people in the profession clearly regret the loss of competent colleagues (of at least one of them the word "brilliant" is consistently used by paople on all sides of the debeto. How deep the feeling goes is another question. At a party, some of us discussed the edvertisement which the Tyndola teachers ploced in the TES. The consensus was that they had made out a good case. "OK, then, have you sent your money?" said one member of the group. And of course, none of us had.

heal.

It important, though, that the
Tyndale debute should go on, becouse it contains many issues ond
implications which go far beyond



Fuce to foce of reheoraal of the Tyndalc play: Dslly Walker (Anna Leon) and Terry Ellis (Peter Gordon). Below: tha reol Terry Ellio.

the events themsalves. Through it, for example, the public was led to realise that appacently aimpla words the "duanctor" end "manager" are not straightforward functional descriptions, but are labels for complicated sets of 111 defined

### Play time

It was because I see the Tyndaio debato as still very much allve, therefore, that I iesrnad with green interest of the forthcoming play about 4t, Sir Is Winning at the National Theatre and, braving tha South Bonk skatebourders, I wont off to talk to the man who wrote it.

How does a niev like this, full of obvious problems of translating events and points of viaw into druma come to be put on or the Notional? In one sense, it comes to the Cottosloa (the National's small ouditorium)

about \*\*r, Sir Is Witning at the National Thearce and, braving the South Boule skatebourdera, I wont off to talk to the man who wrote it.

Shane Connoughton, limaeif a National Thearce octor, is no new-contor to the field of "issue" plays. He wrote Georga Daws is Innocate OK which was put on ot the Half Moon Theatre, and he has a couple of return the works to his name. His career as an actor hes been varied and fast moving, something which does not seem too surprising which does not seem too surprising when you most him, because he comes across vary strongly as a man of wide ranging idens and concerns, who wints always to look beneath the aurface of the orgament.

Tyndale, of course, was the focus of a confrontation, so it is notural thot people wont to know winess slda Connaughton is on And sikhough he is onxious to point out thet his play is first of all a documentary account which seems in air n cross section of the events, and the points of viaw, he does, not that he needs to, as a writer in a free soblety.

"Cortainly we are trying to show that the reachers had a bed daal", he says. For him the issue is encapsulated in the reachers had a bed daal", he says. For him the issue is encapsulated in the title of the play. It is derived from a memorandum hy one of the ILEA inspectors who tought in the school while the teachers had a bed daal", he says. For him the issue is encapsulated in the title of the play. It is derived from a memorandum hy one of the ILEA inspectors who tought in the school while the teachers had a bed daal", he says. For him the issue is encapsulated in the reachers had a bed daal", he wore "Cortainly we are trying to show that the reachers had a bed daal", he says. It is derived from a memorandum hy one of the ILEA inspectors who tought in the school while the teachers had a bed daal", he wore "Cortainly we are trying to show that the reachers had a bed daal". It is not luttened to be a documentary in the school while the teachers had a bed daal". It is not luttened to be a science of ave

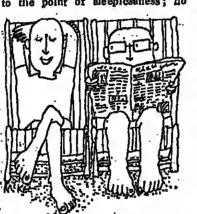
### Ignorance is . . .

The Green Paper's tentative words about the dismiscal of Incompetent teachers scens to have struck chords—and nerves—all over the place. One ohvious problem is that of deciding what counts as incompetence. I have sald so in discussious about students and probationer teachers—of the ease with which we equate competence with the ability to keep order in the clustroom.

The dangers are surely obvious, and yet already we see this assumption being made in articles and apeeches. W. S. Baunell, headmaster of the Queen's School, Busbey, seems to be folling into this error in a letter he wrote last week to the Daily Telegroph. If comnot conceive", he saya, "how only man or woman can day olter day submit themselvas to the indignity, the suffering and oppailing nervous strain in which the incompetent teacher is oubject."

In this, of course, he is obsolutely right. What worries me, though, is that he is talking bero obout just one particular and highly visible kind of incompetence. One of the tragedlos of the kind of altuntion which Mr Bunnell deacribes is dust it results in one teacher being unable to demonstrate the abilities which he has, while the abilities which be found to the order of them are suffering from "appailing nervous strain". Some of them are suffering from the feeling that they are doing the right thing, which atrikes me as much more dangerous.

A teacher may terrify his pupile to the point of aleeplesaness; he



"Ah! The sun, the oand and the knowledge that two of our leavers hove jobs."

scenc which will show the difference hetween a formal and an lanformal clussmant, formal clussmant, for fact, I look forward very much to seeing this play. A serious attempt to present, at the National Theatre, a live educational Issus Is not to be missed by anyone involved In education. Sir Is Winning opers at the Cottesloe Theatre on August (meaning gasd).

If we recognize that testing compasses a wide variety of a and abilities, then we must expense

ond abilities, then we must that any school system which run has enough flexibility a us to build on a teacher's are not keep away from his weakened of each.

It would be insuling to Bunnell to suggest the he not know all this olready. In only to point out this the many dismissing incompensation auch a problematio bulness are much more visible than of it would be menstrous it that ones sacked were those where ings just happened to bear the cyes and ears of authority.

Did you go on a school trip year? I confess that as the year? I confess that as the year into young children other was need to be taken three on a 120 miles to see lious or the buttresses. My own learned hate start, a 20-mile ride on cluttered roads ond a wint to make the year of the year.

where cheap with lots of open a for running about.

This time we took the third we to the old Sheckerstone Ran. Stotlon, in Leleestershire. Amateur society which owns a gathored together there a collect of small railway oogine and delightful little nusseem. And cheop, hassle-free and educated ay out from any part of the allonds, it can hardly be bettered. The man showing us round a swift lessoo in the way that existent has hardly be a spirit cation of schoolchildren when pointed up at an osgloe and single and the chimney." How many the would have laughed at that when we were 11?

I must confess, though, that school.

I must confess, though, that scholarly scem pretty remote from the corner of Dorset where I sit wins this. The cottage where is the wins third is in the shadow of Egandon Hill, o great bracking realitation of the colono with the past, when he was a colono with the past, was Arthur Mee, "lot him make the pikerinage to Eggardon."

The best that the people who he can sunset, when you feel out sunset, when you feel out sunset, when you feel out thare all those thousands of record hope to any allthe more than the proper who have somehow imprinted by the colon color of the sunsphere hope to any a little more than the people who have somehow imprinted by the color of the sunset.

Gerald Hellington of the color of the sunset wack.

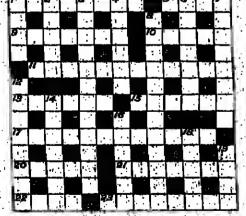
Gerald

# THE TIMES

# Educational Supplement

ion gates are ajar to learning, but only just. Frances Stadlen steps inside, pages 6 and 7.

# Crossword No 1,098



2 Eva electors to step

18 "And then there
1 crept a Reio — less
among the
leaves" (Keats)
(5).
19 She comes up to
have dinner (4),

There are its excrete the property of the present lewer is a far than 18 and 100 and 1

VERTICAL LEANING

A ladder has straight sides, and 18 rungs, each with a diamator of one loch. The diotances between e. smaller lawns area would be 72 sq yds?

Cutting the lawn.

A CARPENTER'S PROBLEM

A carpenter has in the second of rectangular blees of herein the lengths and breadths of are an exact number of inches ia required to cut all L-shall 3in wide from two sides of gular board, so that the area gular board, so that the area

gal discrimination: better never than late

ing out ito more contraversial d circulors in the dog day my rebound rather nostily on approment of Education oud Greular 8/77, published this

arip is two fifthe of the area of the from the Grace Relations Act whole board.

Find all the possible date the effect it gives legal backing for board with which it is possible that the possible date of the effect it gives legal backing for board with which it is possible that the approves orrangements for lor overseas students, and for their numbers from acxt yeor. droulat could hardly have been My longer, since the educational the Act are due to come into Septembar 1. In the event, lt. the worst, possible week of The Eoglish version of the long, nen may lack some of the essenhije but race relations here cen hije leen so bitter, explosive and official uncertainties. salcumitances, a DES circular n easily be interpreted as

discrimination against coloured students is particularly unlikely to be received coolly for what it really is, the administra-nive exploitation of a legislicophyle to save moncy on the education budger.

The education provisions of the Race Relations Act make it unlewful to discriminate with regard to odmissions or the which looks very much as if it was inserted for this specific purpose gives excuption provided it has the approval

of the Minister. Hence the circular. But however much we are prenared to believe that nelther Mes Shirley Williams nor the DES heve the concealed aim of discrimination, the circular itsalf looks like giving rice to legal quibbles on interpretation; from these hard andcontroversial cases will arise as decisions heve to be mede on, for example, discretionary awards or admissions from particuler categories or countries.

Numbers of overseas students io this country heve increosed steadily in recent years in spite of the fect that they have always peld higher fees and hostel

charges. They are likely tu ho up ogain

this year in spits of the massive rise enuquinced last November. But next year minders will be held down for the first time. In any casa two-thirds of them have to pay their own fees, and we are hardly performing any service to the Third performing any service to the Third with the EdTech axhible to the richest. Only 10,000 of this year's 80,000 overseas students ore ossisted under the oversees and oversees a ossisted under the overseos aid pro-

Committee meeting motions: (2) Derby NAS/ UNT assarts that the school leaving age should be lowered to 4.—From the monthly newsletter of Darby achoolicachers (NAS/ UWT).

### Testing the tests

Bult Doe examines two of the new skills tests which are selling well in the wake of the Groot Debate and finds them wanting page 4

### Political illiterates

Ignorance of politics und cynicism towards politicians are revealed in a ourvey among 15-year-olds. Many could not us me their own constituency and thought the Lahour Porty stoud for privote schools.

### Lecturers' threat

University lecturors threoten to "Chinso chans" unless their pay cloim is met page 5

### Flying the flag

The sun hardly ever sets on the British Volunteer Programmie. Owen Surridge looks of VSO's contribu-

### US backs basics

Washington DC has laid down a standard curriculum for its ochools nut Chicago has introduced tests for high school entry. Michoel Binyon reports in the back-to-batics movement in the United Stotes

### Can you read me?

Frank Sedgwick contrusts two methods of seeing whether information io getting across page 11

### Gay cinema

Mariene Dietrich, Botte Dovis sud Mae Weot, screen goddesses of the 1940s, hove been token over by homosoxual screen culturo. Michael Clintko reports on other recont developments as manifested at the National Film Theatra's Gny Film Festival

# Small is beautiful

Paul McGee discussos micro pre

### Summer diary

Goruld Haigh visits schools, a moseum und a Ohristion community In Dorsot page 44

### Extra: EdTech '77

Ir may be that Western universities do not best serve the interests of third world students. Thet, howevel has not helped to form government policy on the question of higher tuiton fees. Thet policy, condemned by vice-choncellors, tho UGC and immigrant bodies, was dictated by an expediency which is looking daily nore unfortunote.

No comment crossword, Break, 44.

Classified ad index

:1

10 A periodical to this 23 framework of place number (5).

11 6ke cleained for food shop (12).

13 One limb in the drink so they say 1 where teas are produced (4).

smooth thisgs out (7, 9). 4 Designed to put one in a sweet (6).

6 Supernumerary in print (?).
7 Synonymous with lack of tidings (4, 4).
8 Go to the dogs in tio pink perhaps 14, 2, 6),

ACTOSS

15 Author who patron
18 kee dinner (4).

16 Author who patron
19 kee comes up to have dinner (4).

18 Tho old king will oftectually stop onto taking (4):

19 Would stop onto taking (4):

10 A periodical to this in the manner (5).

11 Size cleaned for food shop (12).

12 One limb in the drink so they say 1 Where teas me produced (5):

12 Where teas me produced to the say 1 Where teas me produced (5):

13 One limb in the drink so they say 1 Where teas me produced (4).

Maths teasers HOW TALL IS THE LADDER? tween the top and bottom ruoga end the bigheot and lowest points of the ladder, when etandlog vertical, are all Bin. The length of the top rung is 11in and the langth of the bottom rung is 15 lo. Find (o) the verdest length of the ladder, (h) the total length of the rungs, (c) the height above ground of the top ends of the ladder, whan it is placed on horizontal ground, with its feet 3ft from the foot of e vertical wail against which it is is aning.

CUTTING THE LAWN
Mr Oldfellow wishes to reduce the size of his back garden lawn, so so to save time in custing it. He calculates that if he reduces its langth he 4 was the remaining lawn will

EDUCATIONAL SUPPLEMENT New Printing House Square, London WCTX 8EZ, Telephone 04-837 1234

attaches olmost necldentally to the Court report. In so far as there is prafound disagreement about the distribution of power and authority in any rationolized child dent population of retired people. Some kind of policy for the family beasting a certain imparticility, beasting a certain imparticility, could be essential as cetteree in this as in other metters. But the scope of eny such commission would nacessarily go much wider Commission would be timely.

Order in Court

Comments on the Court renors on child health services are beginning of the countremental control over the country that control over the countremental control over the country that country that

There is reel cause for caucern both on bumeulterien grounds and because the ucxt generations of children, fewer in number, will heve in their working life to cerry the burden of en lucreasing dependent population of retired people. Some kind of policy for the femily is becoming an urgent if unceces.

Letter to the Editor

# White Lion fights back

White Lion fights back

Sir Mori-Lou Clarice's long latter with the many control of the control

choice of them and their porents, the only form of sciention being by cetchment oros. Obviously, children ito not opt to come to the free school unless they are unhappy or ile not opt to come to the free school unless they are unhappy or in some cense dissetledied with previous schools, or becouse their perents heve strong views on the sort of education thay want. A high proportion of the children we heve truented from previous schools, and some had been very disruptive, but we do not think it helps them is

out way to inbel them.
Of course there are similarities between our woy of working and that of those in ILEA-funded olter-

Most teachers will edute, too.

Most teachers will too.

Most teachers will the number of the peak of the time in nothing, older the number of the peak of their time in nothing, older the peak of their time in nothing, older too.

Who, like the Ephesians of old, industry, the present inadequate about on the number of the peak of their time in nothing, older too.

Who, like the Ephesians of old, industry, the present inadequate about on the number of the peak of their time in nothing, older too.

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Who, like the Ephesians of old, industry, the present inadequate about on the number of their time in nothing, older too.

Who, like the Ephesians of old, industry, the present inadequate about solutions to the product and the peak of their time in nothing, old industry, the present inadequate about on the number of their time in nothing, older too.

Who, like the Ephesians of old, industry, the present inadequate about on the number of their time in nothing, old industry, the present inadequate about on the number of their time in nothing older too.

Who, like the Ephesians of old, industry, the present inadequate about on the number of their time in nothing older on the number of their time in nothing older on the number of their time in nothing older on the number of their time in nothing older on the number of their time in nothing older on the number of their time in nothing older on th or go bn to furthec education whon this is the aim of them and thoir porents.

"Alternative" to us meano providing a different etylo of education in a selstant education officer from County Hall bes visited us so wall est the addression officer. If any others have come from County Hall best visited us so wall est the addression officer. If any others have come from County Hall best visited us so wall est the addression officer. If any others have come from County Hall best visited us so wall est the addression officer. If any others have come from County Hall best visited us so wall est the addression officer. If any others have come from County Hall best visited us so wall est the addression officer from County Hall best visited us so wall est the addression officer from County Hall best visited us so wall est the addression officer from County Hall best visited us so wall est the addression officer from County Hall best visited us so wall est the addression officer from County Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer. If any other the county Hall best visited us so wall est the addression officer.

What can you do to improve the quality of education? SIR RONAED GOULD. general secretary of the National Union of Teachers for 23 years, sets out the ways in which teachers, parents, central and local government can help. This is an abridged version of the Joseph Payne memorial lecture he gave earlier this year.

# Where there's the will

Second, teechers should cloerly understend what their freedom is, and whot resumsibilities it places end whot resumabilities it places on them. . Exteroel exactinotions like CSE, O and A levels, the views of colleagues, the geogral professional conscisus and porants, all longues limits on teachers freedam of action. But for all the constraints, tha freedam is real. Teachers can freely chanse ls real. Teachers cen freely chanse textbooks, details of the curriculum

Am I then ogolnet changes in

Fourth, I wish psrents would cooperate more with the school in other ways by motivating children, encouraging them to draw, paint, read, visit places of interest, and to be intellectually corious about everything. Such children always echievo nore in school.

And theo porents should treat the teacher as a fellow educator, as an elly in bringing up the child. They should try to understand what the teacher is doing, visiting the school on open days, parent teacher neet-

on opon days, parent toucher neet-ings end on any occosion when con-sultation with the teacher would

help.
If the I wish oll porents and indeed avarybody would realize that the society which their thoughts end ections shape, is e vast educationel actions and powerful

of children has been cailed for by In the pest it was understandable thet colleges were rejuctant to fall students. But now the accent should be on quality. So lot the Minister urge colleges and universities to demand high-quality recruis, and for tha seke of the nation's children and far tha job satisfection of the teacher, to refuse to quality any locklog proctical skills.

There are other recent acts of some local enthorities that depress the quality of education. First, some ore speuding loss on teachers in-service treining. Serond, a number of local authorities have stebilized or reduced capitation ollowances or, if you like, book nillowances. he National Children's Boreau.

nllowances.

Evon to meintein last year's allowance, when inflation makes books ever more expensive, is to reduce the number purchased. But to cut the ellowance, os some practice of the reduce the number purchased but to reduce the number purchased but to reduce the number purchased but to reduce the number purchased.

expert, non-representative appointed by and directly be and directly

# DES opens Race Act loophole Ombudsman ticks off

he Government Intends to conside to demand drigher tuition fees and hearding charges from overage students, despite the passing of the Race Relations Act last year, despite the passing of the Race Relations Act last year, despited to make discrimination on the basis of nationality unlawful. One section of the Act provides a behind for the Government's pilty. Section 41f2) lays down that decrimination on the basis of attorality is acceptable so long as a his been approved by a Government Minister.

It is also the Government's intentant of the provides a student output.

It is also the Government's inten-tion to keep orcesens student oun-bes down to 1975 levels from next yer onwards. There will be separate grangements for the Inner London Education Authority.

A recular (8/77) published today by the Department of Education and Science nates that the educa-tions are the the educa-tions are the the educa-tions are the the educa-tions. Act 1976 are due to become in on September 1. Though these make discrimination on the basis of outlonality unlawful, the circular aknowledges, differential arrange-ments for aversess students have been approved under section 41 by the Shirley Williams, the Education sectory. g continuality unlawful, the circular statements on a three-year residence means for averseas students have approved under section 41 by the Shirley Williams, the Education and the extension of numbers from a statements of numbers from considering overseas to the 1975 level are justified in the circular by "the overseas announced last November"

Call for Royal

Cane does lead to puld by the school had been described as a three-form custom public extension of counter public extensions of counter possess to defensions the discrimination of counter possess to defension the discrimination

Commission

A Royal Commission to lonk into

the best way of meeting the needs

Meshire decides

on children

by diark Youghan

Thore is little evidence that cor-poral punishment helps discipling in schools, the British Association of Social Workers said this week. While it continues to be used by

willie in continues to be used by teachers, mure appropriate and possibly mure effective means are left matried. With disturbed children carpural proishment only aggravates their disturss and makes the remedial and rehabilitative task ouch more difficult.

"Many children in this country is their comments on the report of the Court Committee which tooked into child health, the NCB was a co-massion should health, the NCB with a continuous should be considered and court of play and environmental materialities and a peryusive delinquent substantial associaty. It should also investigate the pottern of privices required to meet these needs.

"Of course such schools face major problems of discipline, but punishing the children is a little like punishing the victims."

and prefers required to meet these consists.

In bureau rejects the recommodations in the Court report that there should be a judic committee for children. If such o committee for children will once again be left at the button of the heap.

The first criticism by the NCI is that the parent bodies for o judic continues, the Personal Social Services Council, have other as fell in the personal social Services Council, have other as fell in the continued to the mish reposed government family.

Girls more likely to move on the needs of children.

The proposed government family to move on the services continued to the system. "Corporal punishment of the system. "Corporal punishment of the system." The association criticised schools which continued to identify and punish troublesome children rother The association criticised schools which continued to lifentify and punish translictions e children rother than attack the candirious or change of saciol allenation and of further the system. "Corporal jumishment disruptive behaviour."

The proposed government familing set appelatment of committee with the Secretary of Steta and not provide complete business by the Secretary of Steta and not provide complete business are made and provide complete business and provide complete business and secretary of the set of the s

the education service would meanly token representation.

The would also be unnecessary her of girls aged 16 enterprise to the control of the Education and Science.

The figures show that the number of girls aged 16 end 17 delugation and Social Sarvice, on behalf full-time courses in further education jumped from 57,000 in 1975 to nearly 80,000 in 1975. By cootrast the number of burs doing sa rose from 43,000 to 61,000. The trend was most morked in the South West where over 15 per cent of all 16 and 17-year-old girls were in further education in 1975; coopered with full formulation of the south West and 17-year-old girls were in further education in 1975; coopered with full formulation of the solution of th

think again The Deportment of Educotlon and slder its plon to chapge the woy

DES asked to

cosb is effocated to the voluntory youth service, villege holl and community centro projects.

were the same as for undergradulations were studying in Britain but the overseas differential maintained.

For non-advanced courses the new fees ere £360 a year. Hostel chorges for overseas students will continue to caver the economic cost.

Overseas students have obcays had to pay higher fees than home students but the gop between them has been narrowed steadily over the past few yeors. In 1966-67 students from overseas were sindying in Britain list the wording of the circular and this only worry welfare bodies such as the National Union of Students and the United Kingdom Council for Overseas Student Affairs. In part 2, part 203, allow-once is made for individual institutions to charge since categories of students even higher fees than those proposed, providing they obtain experts and the Secretary of State.

The DES circular ollows Le.a.s to

thin they were not given places for their children even though the head, Mr. G. S. Parker, had told theo

In April last year, Mr Purker received a list of 85 boys who had qualified for admission from the Windsor orea, He wrote bock to the Director of Education that he grantour headmaster and the education such original solutions of the grantour headmaster and the education such original should have made the was going to draw up s timetable far faur streoms and that he had the stuff and the accommodution to da this.

In May the Director of Education told Mr Parker that the education committee would hove to be esked

The headmaster of Windsur Grammas School has been criticized by the local government ombudsuum for giving misleading information to her two sets of parents kent their

Three parents had thus they had been to close the parents had thus they had been the parents had thus they had been the parents had the parents been the parents of the parents they had moved within the schmil's catchinent area and a place was provided for their son.

Berkshire County of the parents had the parents had been parents had the parents had been parents had been parents had the parents had been parents had been parents had the parents had been parents been parents been parents been parents been parents been the two sets of parents kept their sons on home, not wanting them to gu to ulternotive schools. The third family provided legal evidence that they had moved within the schools? The parents were parents and parents parents are parents been parents been parents and parents parents are parents been parents been parents and parents parents and parents parents are parents and parents parents parents are parents Berkshire County Council then opplied in November to the Education Secretory for a decision on which school the two remaining lays should ottend. On May 5 the Education Secretary ruled that they should, after all, go to the graiomar school, and they started four days later.

The ombindsman says it is clear that the headmaster did not agree with the reducting in numbers planting for the school. "He goode his views known forcefully to correspondence with the Director of Education from April 1976 unwords. "it was, of caurse, right that he should do so but the articles of government (of the school) clearly show that the admission of poplis to

the grammar school is the responsibility of the education authority. The information the head gave to

The council should have made the position eleur to parouts and instructed the hand to ceose adding to the confusion, the ombudsinan saya. Windsar Grammar School is dua to became comprehensive next year.

Stephen Collen

# Public school goes public

Samorset Caouty Council wants to adopt a former public school and toro it into a cumprelicusive. County officials will be meeting Mra Shirley Williams, the Education Sceretory, later this year to discuss the plans. The school Wellington School becomes truly comprehensive in the vary highest with Wellington (not the be confused with Wellington College), will also admit girls if the school in the school involve approved.

Wellington decided on to go in the plans for the school involve a camprehensive in the vary highest understanding of thor term. The plans for the school involve a camprehensive intake of boys and gleis, if an assessment of boarding needs after the school involve a camprehensive intake of boys and gleis, if an assessment of boarding needs after the school involve a camprehensive intake of boys and gleis, if an assessment of boarding needs after maintained and interest plant at the school involve a camprehensive in the vary highest understanding of thor term. Display of 'weapons' mounted by the Society of Teachers Opposed to Physical Punishment.

The plans for the school involve a camprehensiva intake of boys and glels, "an assessment of boarding needs locally ond nutionally, the aversil requirements of the area, the needs of the mailed justed and the bandleopped on well as provising for exceptionally gifted children."

obtailshed his direct grant atotus. In option for the state systom and bandlopped as well as provising for Somersot wants to proserve its bandlopped as well as provising for Somersot wants to proserve its bandlopped as well as provising for Somersot wants to proserve its bandlopped as well as provising for exceptionally glitted children. Colonel Dotvso-Branan edit that the William's occepted the plants, wellington would be "dyery by 04 camprehensive as other schools of that oame olready operating in the county".

# Minders kick off week of fun

A notional childmindors' week, arganized by the National Children's. Centre, Huddersfield, starts nomorrow.

"Childmindara may be looking after on to 300,000 bablos and small children even of the loogist of the summer", Mr Brian Jacksan, diractor of the National Educational Research and Development Trust, which is sponsoring the venture, sold this week.

Miss Hazel Wigmoro, director of the contro, said the various activities next week in which yearlered towns—park games, children's theat in the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the contro, said the various activities next week in which yearlered towns—park games, children's the control of the control of

# Tersonal Social Services Ulster falls down on undertaking to the under-fives

The Government has ahaudotted only of a joint commits PSSC and the Centred rates Charles and the Centred rates Charles Charles

and ortico, I peportment of Education in Capital Cx-

# Bob Doe takes a critical look at two of the new tests now being introduced into schools.

Standardized tests for publis are selling as never before us schools come under increasing pressure to show how well they are doing.

Two tests—the Cognitive Ablitics Test and the Richmond Test of Basic Skills are doing particularly well. They have won approval for their technical soundness and 12 education amporties are now at vorians stages of investigating their introduction.

But there ore doubts about whether the tests actually measure what they claim to. Both tests are published in this country by Thomas Nelson and Son, who say sales of all tests hove doubled in the past 18 mantlis.

Hampshire, for example, has decided that sil schools in the county will administer the Cognitive Abilities Test an intelligence test—at the ages of ulne, 11 and 13. The idea is to supplement reachers' own assessments of children's

notential.
The Richmond Test of Busic Skillsa tost of children's attainments—has been ndapted by Cumbria. A special grid fur Richmond test scores has been included on the new county record card, the form that will document each child's

progress to the age of 13.

Both tests were developed in the United States some time ago, though Nelson lins had them adapted for Britain by Dr Norman France, who was once Kent's chief educational psychologist.

Iloth are highly regerded. The Mantal

Mensurments Yearbook, an authoritative simulard text on psychological testing, snys, for inetance, of the Journ Test of Rasic Skills, upon which the Britishnamed Richmond test is bused, thet it represents a real improvement in achieve-

ment testing.

The British version was compiled in 1974, and though it contoins only a handful of the questions in the American vercion, it has exactly the seme format and

claims to teet the same skills.

The basic akills teet is for eight to
13-year-olds and takea five hours to complete. It is broken up into sub-tests that can be spread over eeverel days. The subhension; spelling, cepital letters und usage; work skills, including mep, greph ond table, reading and the use of reference books; mathematical concepts and mathematical problem solving.

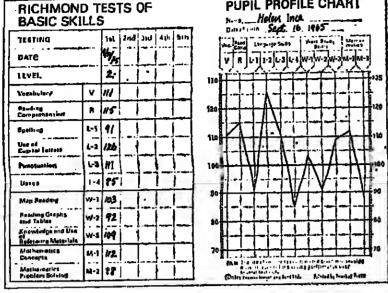
Level 3 Begin Here

The map below chows part of a large city

and the position al public buildings, parks,

atc. Use the mep to enswer the quastions

Testing time for kids



Children who can fallow the Instruc- ochiered at too high a price. He wondered tion for the Richmond test nu their own whether the test meosured what it set hardly need their bosic skills testing. A out to. whole page of general instructions hus to be read first, fallowed by a paragraph of more specific instructions for each aubtest. Then the spuropriete test for the child's age group has to be found in the 95-psge test booklet and finally multiplechild's age group has to be found in the 95-psge test booklet and finally multiple-choica enswers must be recorded on a seperote, finely printed and closely-separate descriptions and "mechanical teskbook details".

spaced answer sheet.
Dr France seid the most common query rsised about the test was the apparent complexity of all this. In practice few difficulties were reported, he eald. Tea-chers read out the instructions sud eimpler enswer forms had been tried but

Paopla enter the Bode Junior School from which of these?

() Palmer Street

D) Bridge Street

Whileh of these is nesreet Long Park? A) Templeholme Station.
B) the multi-slorey car park

(') the police station'
D) St. Slepheo's Church

A) Turium Street B) Silver Street

Which of these is east of Long Park? A) the Royal Haspital.

B) Redo Junior School

C) Gas Wharf D) City Stadium

Sue lives on the corner of Psintar Street and Bridge Stroat, Sha lives closest to which of thee?

A) Bowes Square
B) Tempichalma Station, ) St. Slephen's Church

16. On which of these is the nearest bus 

Three of these ere located along Dave Road, Which is not?

A) the multi-story car park

A) the multi-story car park

I) Templeholme Station

(i) the police station

D) Howes Square

If a person prosses the South Avenue Bridge and drives north on Turton Street, what would he have to do to go

pest Templaholme Stotlon?

A) furn left slang Dover; Read

II) furn right into Gas Street

C), furn left into Adams Road D) turn right along Byug Sirect

19. Which at these would most probably connented by a pedeatrian aubway? A) Long Park and the drydock

B) St. Siephen's Chutch and South Wharf
C) Cily Stadium and the gas works
D) the audit-slorey car park and Temple holme Station

Go on to next pags >

PUPIL PROFILE CHART Richmond lest profile: streitgths ond displayed graphically.

Mr G. A. Morgan, a seniar psychologist at the North Weles child guidance clinic, wrote that too much emphasis wee put on those skills that were assy to test in the

Mr Morgan also complained about a verbal hias in the maths sections that would put a child who was good at maths but a poor reader at a disadvantage. Some af the study skilla questione demanded inference rather than learned skills, he sald. This means it is more like an intel-

did not seem to make any differenca. They were just harder to mark.

In the test handbook no details of the reliability of this test are given. The Mentul Mensurements Yearbook commended the technical excellence of this form of basic skills test but one-of the rare British contributors to the Yeerbook questioned whether this had not been said. This means it is more like an interded ligence test than a teet of attainment.

Mr Morgan was reviewing the American version of the test. The British version was not available then. The maths sections of the Richmond test do, however, still contain large numbers of words.

Dr Frauce says it is more like an interded. choose between the various tests in the battery if they do not all suit their needs.

In Cumbria the test is likely to be widely used when the new county reenre carda are intruduced in September, 1978, and it has bean closely examined by teachors and advisers.

Mr Maurice Peyn, assistant director ar Mr Maurice Peyn, assistant director at education, seid none af the tests available were perfect but the Richmond seemed to ha the most auitable one for Cumbria. It walld be very reassuring for the tecchers in the county's many amoil schools to be able to compare their pupils with a nstinual sample. "Evan if they did teach towards it, it would not lead to a disastrously limited curriculum."

answers could equally well he indicating

ome other sort of weakness.

Mr Payn said the Richmond test was not one for local authorities who wanted performance recults from their school. In Cumbriu the lea. would not eren ste the results.

The validity of the Cognitive Abilities Test ie even more open ta question. The Mental Mensurements Yenrbook says of the American version I which in this less is much closer to the English version that "validity cannot be considered to be well demonstrated". It warns user to assess for themselves its validity for the

rposes.

The predictive validity of the Englishersion, that is whether it will be the to predict whether a child has scholage. abilities or not, has yet to be proved There is no evidence for this as yet That it will be able to predict such things how ever, is assumed in the teachers' bend-

This suggests that as well as using the test results to tailor olassroom instruc-tions, the results can be used as the basis of advice to be given to parents and pupile about what courses to follow and

No figures are given for the reliability of the Cognitive Abilities Test either. here is no etatletical estimate of her much teeters can depend on their results. Most reputable tests include a lleure for the standard error of the test which

indicates the probability of any paricular teet result being highly inscente.

Completion of the Cognitive Abilities
Test is also a complicated affolr. If any thing, the instructions are longer then those of the Richmond test and would be very taxing for poor reeders or bad listeners. The test is said to be suitable for eight to 18-yeor-olds.

All thase reservations are montioned the Mental Measurements Yearbook. So is the observation that the test partly measures learned skills rather than nnturel abilitice.

The format of eeverel of the test sections is lika thet often used to measure atteinment rether than ability. The verbal ability section, for instance, locuses sub-tests based on sentence completion, which is frequently used as a reading test, and voenbulary ("which word means nearly the same as ...?").

Dr France said taets of attainment

could be used to measure children's in-telligence, too. The two abilities were very highly correlated. The accent in the sentence completion tests was en deductions about the choice of word rather than ability to read.

The Cognitive Abilities Test was most useful when It revealed differences between teachers' assessments and the test's. This could point up poor hame environments, unsuspected talents and those who were lazy ar especially hard workers.

The introduction of this test in Hampshire is also to be accompanied by incervice courses for teachers to diacust the use of the rasults.

Mr W. G. Lumb, deputy CEO, said the

convibilitied courted by the results.

On the first of the county test came from head teachers, Mr Fayn said. He expected a list at the Cognitive Additiest read to also state the court of the results.

Mr Ag. Lumb, depthy CRO, said the mean window of the pressure of the AUT, sed the association to the state the Cognitive Additiest read to also state the control of the results would write to use the grid an the record care from head teachers, Mr Fayn said. He expected a list in a the Cognitive Additiest read to also state the control of the results would write to use the grid an the record care from head teachers, Mr Fayn said. He expected a list in the control of the results would write to use the grid an the record care from the state of the control of the results would write to use the grid an the record care from the state of the control of the results would write to use the grid an the record care from the state of the control of the results would write to use the grid an the record care from the state of the control of the results would only be stated as a state of the control of the results would write to use the grid an the record care from the state of the control of the results would write to use the grid an the record care from the state of the control of the results would write to use the grid an the record care from the control of the results would write the control of the results would only be set to the results would write to use of the control of the results would not necessary the results would not necessary the results of the r

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R scouled S discussed T beeded U belief

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A and B-fr C yet

Things leavers do not know

The idea that schools should teach subject called "political educa-no" was dismissed this week by of the National Association of Schoolmasters-Union of Women Teachers.

le was connoculing on the results is survey which showed that more than half of school-leavers could not name the Foreign Secretary, only just over half knew the name of their MPs, 44 per cent though the IRA was o Protestant organization and 6 per cent did not know who was Prime Minister.

Lecturers' new pay threat

University lecturers may refuse to test new students or take part in idensifier procedures in support of their pay claim.

The emergency meeting will be called if Glosgow obtains the signature.



and 6 per cem did not know who will Prime Minister.

Prolessor Bernsrd Crick, of the department of politics at Birkbeck (olige. London, described the extent of political sworeness revealed by the survey aroung 15 to 16-year-olds as "truly appalling".

Wo have always fought shy of sylling which could be thought to amount to political indoctrination of children. Mr Casey said.

The survey found 47 per cent of the pupils read the Durin Mirror of the survey found 47 per cent of the pupils read the Durin Mirror and 43 per cent read The Gnording, 4 left which is being questioned.

The situation will not be put the situation will not be put the situation will not be put the corriculum has been overladed.

The situation will not be put the secondary of the sample of corriculum has been overladed.

The pupils read the Durin Mirror and 43 per cent read The Gnording, 4 left of Committed the survey found 47 per cent the pupils read the Durin Mirror and 43 per cent read The Gnording, 4 left of the situation will not be put the situation will not be put the strong the pupils will be a corriculum has been overladed.

The situation will not be put the situation will not be put the pupils read the Durin Mirror and 43 per cent read The Gnording, 4 left Times and 7 per cent The Doilp Telegroph.

The Doilp Telegroph.

The Times and 7 per cent the Durin The Times and 7 per cent the Doilp Telegroph.

The Doilp Telegroph.

The Times and 7 per cent the Durin Watchel some kind of current of the sample casts but less than half listened the put the public it might give the neare all agreed that the word and the put the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might give the neare all agreed that the public it might gi

Servial respondents thought there were 2,000-3,000 members of Parliament. Only 20 per cent could give the name of their own consistency and many did not eppeor to know what the word "coostituency" meant.

Nearly half the young paople in the survey thought thot Parliament made all the Important decisions on remaing the country; about the same proportion were unable to neme a single pressure group.

Jun over a quarrer thought it was Conservative policy to nationalize industries and 18 per cent pass on a cynical view of policy.

Crammers come into their own

Crammers—privete tutorial colleges for those who have failed to get good enough grades in O and A lavel—have become an important pair of the education systom, inccording to o new book.

This is beceuse the estronomical face of many public schools are increasingly putting them out of the reach of middle-class perents, while the phasing out of direct gront and granumar schools means middle-class peronts are less willing to use state schools.

The book is written by Mr Caray in idension procedures in support of their pay claim.

Officers of the Glasgow University Itechers have called for an emorated meeting of the AUT council to discuss e motion that "until the Gerenoment honours its piedge to the salaries of university teoching the salaries of university teoching members of the AUT abould the members of the AUT abould the motion had spirung from e general sense of frustration and the feeling that nothing was being done to put things right.

Mr. Laurie Supper, general society of the AUT, seld the association had asked the Government through the Universities for the amonaly to be recalled in "without prejudice to their normal" "without prejudice to their normal".

tives (Glasgow itself has supplied seven).

Dr Ronald Emanuel, chairmen of the branch, said the motion had sprung from e generel sense of frustration and the feeling that nothing was being done to put things right.

Mr Laurie Supper, general societory of the AUT, seld the association had asked the Government through a the Universitias Authorities Panel for the amomaly to be reciffed "without prejudice to their normal annual increase".

School



# Finishing touches to jobless plan

ployed by more than one third of the entire sample".

The survey comments: "It is open to conjecture whether they will ever have the expacity to under stand sacond and third level political cal concepts such as democracy or representation."

The compilers conclude that the general lack of political aware ich make "depressing reading for are are are make "depressing reading for anyone who is concerned shout the future of our representative that future of our representative cake.

The survey comments: "It is too concepts and volunts are to be made available to people aged 16 to 18 on courses which would prepare them for work and on work with few (If uny) acndenic qualifications and visitout a clear idea of what they wunt to do in life."

The cammission will be producing hambooks for employers who want as standard flat-rate allowance of £18 a week. An sudditional payment will be made for very high travelling expenses.

Experience whether they will need to be particular entitles on helping those who leave school with few (If uny) acndenic qualifications and visitout a clear idea of what they wunt to do in life."

The cammission will be producing hambooks for employers who want to succeed unleas the made for very high travelling expenses.

Experience school will need to be particular entitles on helping those who leave school with few (If uny) acndenic qualifications and visitout a clear idea of what they wunt to do in life."

The cammission will be producing hambooks for employers who want to succeed unleas the made for very high travelling expenses. The compilers conclude that the general lack of political awareness revealed by the survey must make "depressing reading for anyone who is concerned about the future of our representative democracy". They recognize the deorers of indoctrination which could result from political education in schools which focused on issues and problems rather than the "anfer but duller and less relevant study of constitutional conventions and procedures", but feel a course which sought to provide transferable skills and a framework of knowledge ond concepts would contribute greetly to both the davelopment of the individual and of the democratic process.

Professor Crick adds that

Into the science to act as aupervisors in training workshops, community service end other projects.
They will be paid wages at a negotisted rate.

They will be paid wages at a negotisted rate. Professor Crick adds that although the extent of political ignorance is appalling, "It is only a little more eppalling than that of the mess of the ordinary population".

The STEP progremme will pra-

ticlans to their children, or in could illustrate a remarkable degree of political realism on the part of most young nemple.

At less the cynicism does not remark the part of most young nemple.

At less the cynicism does not remark the part of most young nemple.

At less the cynicism does not remark the part of the political process in a denouracy. Voting was agreed to be important by 72 percent while only 8 per rent disagreed.

The compilers feel that political education for 15 pen olds does not have to be conflued to the incurrence of factual knowledge.

The MSC has produced u discussional document serting out the should be possible to provide same a week scheme for unemployed young people and the special tentory of the continuence of the prospection of motor cyclists to wear crash helmoof our such measures us computation of medical disputes. Yet in tests where pupils were asked to poss judg-popple and the special tentory completes to be most political concepts were never employed of the entire sample. The survey found than based on political concepts were never employed by more than one libit of the entire sample.

An overhaul of the Government's measures of the document sargued using the survey found the political concepts were never employed by more than one libit of the entire sample.

The MSC has produced u discussion the services Combination the located to run the fill supersed. The MSC document says the many organization meaded to run the fill supersed. The MSC document says the more pupils were asked to poss judg-popped and the special tent programme marketed and units should be set up to serve pupils were asked to poss judg-proposed in the Holland report.

The document suggests that 21 units should be set up to serve pupils reported in the Holland report.

The document suggests that 21 units should be united to changing needs and blance of the programme employed which would mobilize support from the refully reviewed annually and adjusted to changing needs, and the programme thore with the political c

string y will not succeed unleas the enteers service and the Employment Services Agency play their full part. They would select unemplayed poung people to got a permaneut job os acon as possible. Places will normally be available only to those who have been unable to find work for six wacks after leaving school. Summer leavers will be considered for places from September 1 naxt year.

Up to 8,000 odults will be drafted into the science to act as super-

# The political on aveness of the school leaver. The Hunsurd Society, 12 Gower Street, London, WCI, 151.50, Britein less terms.

most is likely to be spent this year. The fund can reimburse up to half the cost of public authority schemes to retrain certain types of worker, including young people under 25, heudicapped end migront workers. It can also contribute towarde schemes in poorer ports of the EEC aimed ot retraining workers whose jobs ere in jeoperdy baceuse of structural changes in the aconomic life of the region.

Britsin has been granted neorly firm from the European Social Fund towards the cost of its amergency education and training programmes for momployed young people. Some of the money will be spread over threa yeors, though most is likely to be spent this year.

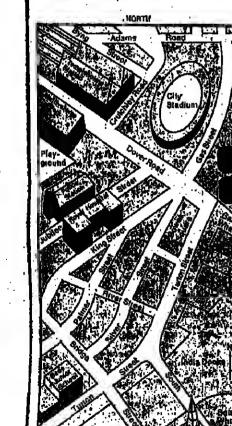
The fund can raimburse up to half the cost of public authority schemes to retrain types of the Morthern training schemes to retrain types of qualifies for £2.7m.

Schemes put on by the Training Services Agency, the executive orm of the MSC. Pre-comployment courses for young feeple in the courses for young feeple in the course for 220 data processing and for 3,000 young people entering educibles for £2.7m.

In Northern Ireland, whore the MSC does not operate, the Northern Ireland Daportment of Manpowor Services end the Department of Education receive neorly £3m for their own schemae for young workers.

month said the shortage, or nonexistence of commarcial and techmonth week that 110
processed.

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"Cognitive Abilitles Teat". Dons It measure lotelligenen ar readlug? From the section for eight to 12-year-olds.

22. In large chies, it is almost impossible to find a place to

23. In spits of all a alteriate to be he he only put in the way.

L efficient M height N triangly P Mil

"One barstal goversor, a nice old follow, acked on if I'd learm my lesson. What losson was you trying to reach me? I'd asked. You're hopeless, he said I been in and out of prison these past I'y vars; it is in the 10 years that have hissed since the publication in Roberts' account. In the 10 years that have hissed from the publication in Roberts' account. In the 10 years that have hissed from the publication in Roberts' account. In the 10 years that have hissed from the publication in Roberts' account. In the 10 years that have hissed from the publication in Roberts' account. In the 10 years that have hissed from the publication in Roberts' account. In the 10 years that have hissed from the publication of publication of the pu

dopartments, of some prisons have become more subtitues and pro-lessional and have recruited fresh blood and acquired more status.

be regorded with some separatum teach year, in the annual report of the prison department, it induigation modest solf-congratulation on the numbers of prisoners passing public examinations and the growth of new schemes like edult literacy and the Open University.

and the Open University.

Some education officers proclaim defonatively nowadays that they lind shoir staffs are a new generation with both the opportunity and this inclination to expand and liberalize their programmes. Up to a point and in certain prisons this is true, particularly where they heve the advantages of size, diversity and e well-endowed, well-disposed local education authority.

But it is by no means true of all education departments. In the everall context of the problems facing education in prisone, the entirelisam of a smell number of dedicated references leaves an impression of uphill strusgic rether than meady progress.

progress.

Some of the problems are purely physical, and stem from a prison system that is required to cram into archalo, and frequently decaylog buildings a population that has swotleokins defined as acceptable, when he was Home Secretary two years ngo. Many prison classrooms are cramped, converted colls, borrowed letchens, chapels or prefabriceted

Overcrowding treetes problems of order, leaving staff less froe to excert oud supervise prisoners attending classes. By exterthing staff and buildings it also iceds to waiting lists for classes, to o serious tack of privacy—the letest figures show that over a tilled of oll tributers. prisoners were sleeping two or three to a cell designed for one... and to less opportunity to meet and talk in "association".

Naturally these conditions affect

Prison routine puts many difficulties in the way of teacher and taught. FRANCES STADLEN examines some of them

# When bars do make a cage for both jailer and jailed

deportments in a position or relative impotence.

The first priority, in policy and proctice, is to keep prisoners tocked up, the second is to keep them quiet. Of all the demage that prison life inflicts on education considerations of security and stability ere the most pervasive. The subordination of all else con be seen in the relative stotus and influence of the different kinds of stoff and in their relationships with each other,

departments, of soms prisons have become more stabilitions and problessional and have recruited fresh blood and acquired more status.

The Home Office clearly views this development or wishes it to be regorded with some setisfaction. He same our ebout £4m for thoic the detriment of education. His same our bout courses this year, and courses this year, and success depends on the prison the prison to the detriment of education.

dence course ihan will cost and decision, more than £250,000 bas recently been spent in one prison on a segregation unit that can hold 30 men.

Although remedial education has since Sir Robert Peel mode it o legal nhiligation in 1823, the Homo Offico is only now, more than 150 years on, getting round to spending e standard scroening test for ling e standard scroening test for liliterotes.

Education suffers partly because of the security arrangements in the prison sorvice as a whole. The policy of dispersing security risk prisoners throughout the systom means that most prisons have to invo extensive and exponsive security. This plecos a limit on the funds available for other purposes. Indeed, the mental pracess of lumping education in with "other purposes" and the implicit assumption that h is expendable, shows how far short practice falls of theory when it eomes to carrying through new concepts of criminology. Moreover, while the general climato of economic recession inevitably provokes special pleading from minority interests, there is not of background. The officere arrenoppied across the board to the prisou service bas frozen education deportments in a position of relative impotence.

The first priority, in policy and The officere extremly education-coascious. They know that three O levels.

are extremly education-conscious.

They know that three O levels would make a difference, but can't would make a difference, but can't study for them because rhey've got e wife and kids to support. When they soe prisoners being drooled over, thero's inevitably an element of jealousy. They compare, say, the high quality of PE teoching here with the worst of the horror stories obout the city schools where their own children are educated."

An exprisoner who swent many

An exprisoner who spent many years in different prisons, acquiring O and A lovels in the pracess, claims thot with one exception, governors and deputies had it in for any prisoner who studied seriously or who hed botter qualifications than

themselves.
Obviously attitudes vary far more Obviously attitudes vary far more than he suggests, but what is disturbing is the extent to which the quality of sducation depends on the goodwill of lodividual governors and education officers, and can therefore suffer from their hostility or indifference.

institutions, of being black or immi-grant and of heving grown up in deprived circumstances. A propor-tion assume s social, bias in detected criminality, and see their sentence as in latest manifestation. Robert Roberts, reported that many of the Hiterates loterviewed at Strangeways recalled intense st Strangeways recalled intense boredom at school and displayed ao column at school and displayed and

the education officer of one troining prison has no treat the question of whether ur not no allow a prisoner to embark on a correspondence course that will cost and could waste £20 as a serious decision, more than £250,000 bas recently been spent in one prison on a segregation unit that can hold at the prison since Sir Robert Peel mode it of since Sir Robert Peel mode it of the second to the shortage of cash for prison since Sir Robert Peel mode it of the second to the shortage of cash for prison since Sir Robert Peel mode it of the second to evidence a prisoner can product of his staying power—on the number of certificates he can put to

ber of certificates he can put to his name.

As if this catalogue of problems were not oncough, there is no show age of critics to point out what they see to be fundamental and unresolved contradictions in the very concept of prison education. One of the accusations is that if far from neglecting education, the suthorities assiduously exploit its

edged. The official reoction to e prisoner The official reoction to e prisoner at Nottinghom who was promised a conditional plece at university and who was caught studying for its necessary A levels when he should have been working nearly reflects the uneasy alliance of conflicting policy alms. He was given extra time to study but also lost three weeks' remission for stepping out of lino.

Tha Home Office frankly some that classes are o tool of manage

that classes are o tool of measement, as important e means of control ee the prison wall. They can be and frequently are suspended as as another agoinst individual or collective disorder.

It is more realistic than many liboral critics about the uses to which prisons are put. It does not regard its literacy programme as a cure for crime. It prefers to describe it os a social service, but by this it means that literate prisoners ore more easily occupied. The service is as much to the prison as to the prisoner.

the prisoner.

This is confirmed by the observation of a former inmate of Wakefield that the only way lillterats
prisoners had of expressing themactives was through minor but conatom infringements of the rules.

Expedience was no less compelling Expediency was no less compelling a motive than philanthropy for laying on classes. It ie significant that prison de-

goodwill of lodividual governors and education officers, and can therefore suffer from their hostility or indifference.

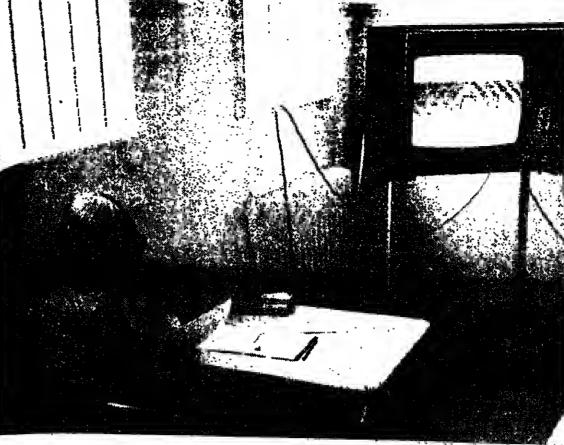
As well as the suspicion with which they are regarded by meny warders, education departments heve to cope with the asychological, sociel and educationel backgrounds of the prisoners themselves, many of whom are instinctively sceptical about and hostilo to the elleged benefits of education.

At the last couct, six per cent of adult prisoners were wholly illitorate, and wheo literacy tests were given to about 18 per cent were found to have reeding ages below twisty. Most of these, if they base bade job at all, will have been doing excitery's dirty work.

Many will also have hed to tope the product of children's homes and institutions, of being black or immigrant reports tend to pay most of the two extremes of the outention to the two extremes of the educational spectrum and that, slong educational spectrum

command less attention.

For some years the prison department reports have included education under the heading of trainent, as if it does serve a reformatory as if it does. There is, of course, in purpose. There is, of course, in the nature of things of evidence the nature of things of that it does, any more than the other reasons used to justif



pulsory, full time and takes place during the day. Education is volun-tary, part time and an evening activity.

Most prisoners have to submit Most prisoners have to submit not only to limitations on the amount of time they con spend in the education deportment, but slso to varying degrees of censorship, justified by the Home Office as being necessary for security end stobility.

The threat to security is usually interpreted as occess by prisoners.

describe the purpose of training and resiment as being to encourage and assist prisoners to lead good and useful lives. The treatment goal is just as essential a prop to the retributive view of imprisonment. If prison cessed to be hought of as an effective way of activities reformation, manny prisoners could no longer legituately be sentenced.

On the other hand, the liberal argument for rishabilitation through education or say other form of treatment count be pressed too lat. It would raise the question: if all a prisoner needs is campensatory education, why put him in prison to receive it? The more successful the system becomes, the surface apparent becomes the inferent tension between the training and recribintion implicit in education.

The contradiction is well illustrated by the principles of training and retribution is well illustrated by the principles. Interpreted as occess by prisoners or outsiders to books, moterials or information that could assist en escape or cruate en incident. This escape or create en incident. This has meant in many prisons a ban on scientific equipment and aubstances, on the use, despite the official incentive of the Arthur Koestler award, of oil pulnis outside the classrooms, on psychiatric backs that might allow prisoners to simulate comploints, and any account, written or drawn, of the organization or physical structure of tho prison.

restrain; and recribition implicit in restory and the freedom implicit in restory and the interest in restory and the fear of the unrost thou could follow complete freedom of expression. This is considered to implicit in the first that could follow complete freedom of expression. This is considered to implicit in the first that it is also the fear of the unrost thou could follow complete freedom of expression. This is considered that it is also the fear of the unrost thou could follow complete freedom in feat the important in the first that could follow complete freedom in the first that could follow complete freedom in the first that the first that could follow complete freedom in the first that the first that could follow complete freedom in purchase.

There is also the fear of the unrost them could follow complete freedom of expression. This is considered that the could follow complete freedom of expression. This is considered to a friend on of expression. This is considered to a friend the filler.

There is also the fear of the unrost them could follow complete freedom of expression. This is considered to a friend for iller's way another that he is not a friend freedom of expression. This is considered that the constant in the instance in the instance of expression. This is considered to a friend for iller's way and that he is not a friend freedom of expression. This is considered with the unrost them of expression. This is considered them of expression. This is considered with the unrost them of expression. This is considered with the constant in the instance in the instance of expression. This is considered with the constant in the instance in the instance of expression. This is consider

prison education service, but given the number of wholly or semi-literate prisoners, it is worth noting that no spproach that even opproximates to his confroversial buildighly successful method could to his controversial but successful method could stand a chanca under this degree of censorship, based as it is on creoting political interest in one's own

There are other woys in which the retributive purpose of prison works agoinst education. It is partly responsible, far exomple, for the prevalling style of architecture whoso deliberote psychological and physical effects are inimicsl to freedom of contact and independence.

A punitive philosophy, however it is applied, condones the arbitrary trestment of prismers, denying them the rights, powers, opportunities and rospect which in other settings would be regeried as conditions of loculing. Some are so antraged that they view the offer of evening closses as adding insult to injury. Others almply go under, becoming so passive and uncritical in the face of unnishment and institutional living that only genuluely educational influences are unicrmined.

The degrae of censorship and There are other woys in

influences are undermined.

The degrae of censorship and resulction undoubtedly veries from prison to prison and time to time, but there connot be much respect for education or for individual prisoners when such freedoms are n matter for negotion and when one party parmanently holds the upper bend. It is not just the dengerous thought thet is lost or suppressed in such circumstances. It is the independent thought which it is the whole purpose of aducation to encourage.

It may be true that stone walls

It may be true that stone walls du not a prison make nor Iron bers o cage, but most prisoners ara neither George Inckson nor Solzeobltsyn. Many more prisoners may have the opportunity to be students onwedges but have remain

**UK-type** cuts strike another blow at Ulster's low standards

protions of the New University of in England and Wales had 17.0

people in January, 1973, while enjoys", says Mr Darby. Northern Ireland had only 0.7 The numbers ettending

the proportion of Northern Irelond's tivo to four-yeor-olds mieniling nursery schools actually dropped from 7:3 per cent to 5.6 per eent during a period when crosschonnel developments were ruising public awareness of the importance. f nursery education "

These children were accommodoted instead in primary achools. with the result that 18.4 per cent of the province's two to four-yearolds were in some type of school in 1971, compored with only 13.2 per cent in England and Woles. " Apert from the inappropriateness of primary school organization and curilculum to very young children," writes Mr Darby, "thia practice olsn leads to some overcrowding in the first class of some primary schools."

None the lass, it is at primary level that some of the most impressivs sdvances have been made since

On the other hand, he says, although sinfflag ratios heve improved, they still lag behind Britsin and the differential has tauded to increase. In the five years from 1968 to 1973, the Northern relaind ratio improved from 1:29:1 reland ratio improved from 1:29:1 reland ratio improved from 1:29:1 relaind ratio improved from 279 has been no mass exodua by Northern 1:27.8, but that in England and Walss fall more repidly from 279 has been no mass exodua by Northern 1:25.5.

Moro recent figures then those in province a two universities did fold the magazine show that the gap from 1,404 to 1968 to 1,371 in 1973, has widened furths? In January, but it rose to 1,560 the following 1976, the overall primary unit in province a two universities did fold opposed to 23.9 in England and Walss a difference of 2.4 children opposition in 1968.

While the difference eight was reviewed the proportion in 1968.

Overall, Mr Dorby concludes thet by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords, Northern Ireland still lags behild by most measurable standords in the gap in England and still lags behild by most measurable standords in the gap in England and still lags behild by most measurable standords in the gap in England and standords in the gap i

larly severe effects in Northern Ireland, where standards are already ther improvement. In January, 1976, "seriously low", says Mr Juhn the arerage Northern Ireland class barby, becomes in social administration land 17.2 pupils, while the average

la special education, Northern Writing in the summer issue of Ireland is hence off, with 4.25 The Northern Teacher, a magazine places for every 1,000 people comproduced jointly by the Irish pared with 2.72 places in England National Teachers' Organization and unit Woles, but these tend to be the Ulster Teachers' Union, Mr concentrated in urban aress. "The Darly argues that, despite recent main priority lies in spreading the improvements. Northern Irelant's cresm more evenly throughout the education still lngs behind Briraln's. province, without secrificing the At nursery level, for exemple, Scot relatively satisfactory standards loud had 3.2 places for every 1,000 which Northern Ireland as o unit

The numbers ettending further educetion courses rose markedly Moreover, between 1961 and 1971, over the past few years, but the arrendance at evening courses fell by one tenth in the fire years to

"This pattern clearly reflects the spread of violence in the province", says the article. " While the demand for full-time vocational courses continuas or e high level, studente attending courses for pleasure rather than qualifleations become increasingly unwilling to venturo out in the evenlings, especially in urban sreas where violence was

violence is slao listed es one of the reosons for the increase in the proportion of Northern Ireland sudents estending universides in Britain—from 16.6 per cent to 27.4

In the article—may be the intro-duction of the Universities Central Coucell on Admissione agreem in 1968, which made Northern Ireland sive savances have been made since the Second World Wor, including the merging of very small schools, modernization of others and the reduction of class sizes. In 1972-1973, there were 139 classes of more then 40 pupils, compared with 1,045 10 years earlier.

On the other hand, he says, silhough sinfing ratios have been as 1974.

its been narrowing, from 15 child, at a much more repid poce,

*SAVETIME *KEEPMORE EFFICIENT	subject of the progress of each contain a your class. Subject Teackers' Record Book. (Simplex T.a.) For Middle, Secondary and Comprehensive Schools. 48 pages enable you to keep detailed records of your own class, other groups you leach and include sime-tables, a year planner, etc.  Head of Department's Record Book. (Simplex T.j.)	pages, 44 pages for class and subject records and many other useful pages. Class Teachers' Lesson Preparation Book (Stappex T.4.) For Primery and Infant Schools. (Sae also T.5.] Subject Teachers' Lesson Preparation Book (Simplex T.4.) For Middle, Secondary and Comprehensive Schools. Both the above have 96-pages. Including 40 "week-ar-a-galaxie" pages for the activities, etc. Accounts Book (Simplex T.6.) Provides one year's simple accounting for Club and School Fund Ireasoress. To order any of these books please complete.	TO: GEOR Dept T FREEP HONL HUDD WEST HD7-29 Tel. Ma (STD 0	TALS PLEASE)  PINAL TOTAL			
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Latter day VSO volunteers carry expertise and a different kind of torch into the far corners. OWEN SURRIDGE reports

# Back-tracking on trails of Empire

Next manth the latest hatch of vultimeers far service overseas will take their seats in oircraft heading for Africa, the Near and Far Eaat, India and the islands of the Pacific. Few of them will see much of the bright lights. Indeed, they will be busy polishing the lamp of Western civilization in parts we bave labelled the Third World.

The volunteers will be treading in the footsteps of snother tradition. Most of the territories they will work in trere unce part of, ar associoted with, the British Empire. Thay awe their presence to that connexian.

We do not want people who will cause uponer, "Said Richard Shaw.

The old plooeering days ore gone, however. VSO used to engoge e int of school-leavers who were willing to provide muscle-power for building and other projects. Nowadoys the call is for education-lists, doctors, ogriculturolists, technologists of one kind or another oud a sprinkling of orchitects, probation officers, occountmits, business consultants. Must are expected to be able to teach, either formolly or informally.

All are engaged for specific jobs at the reguest of the local govern-

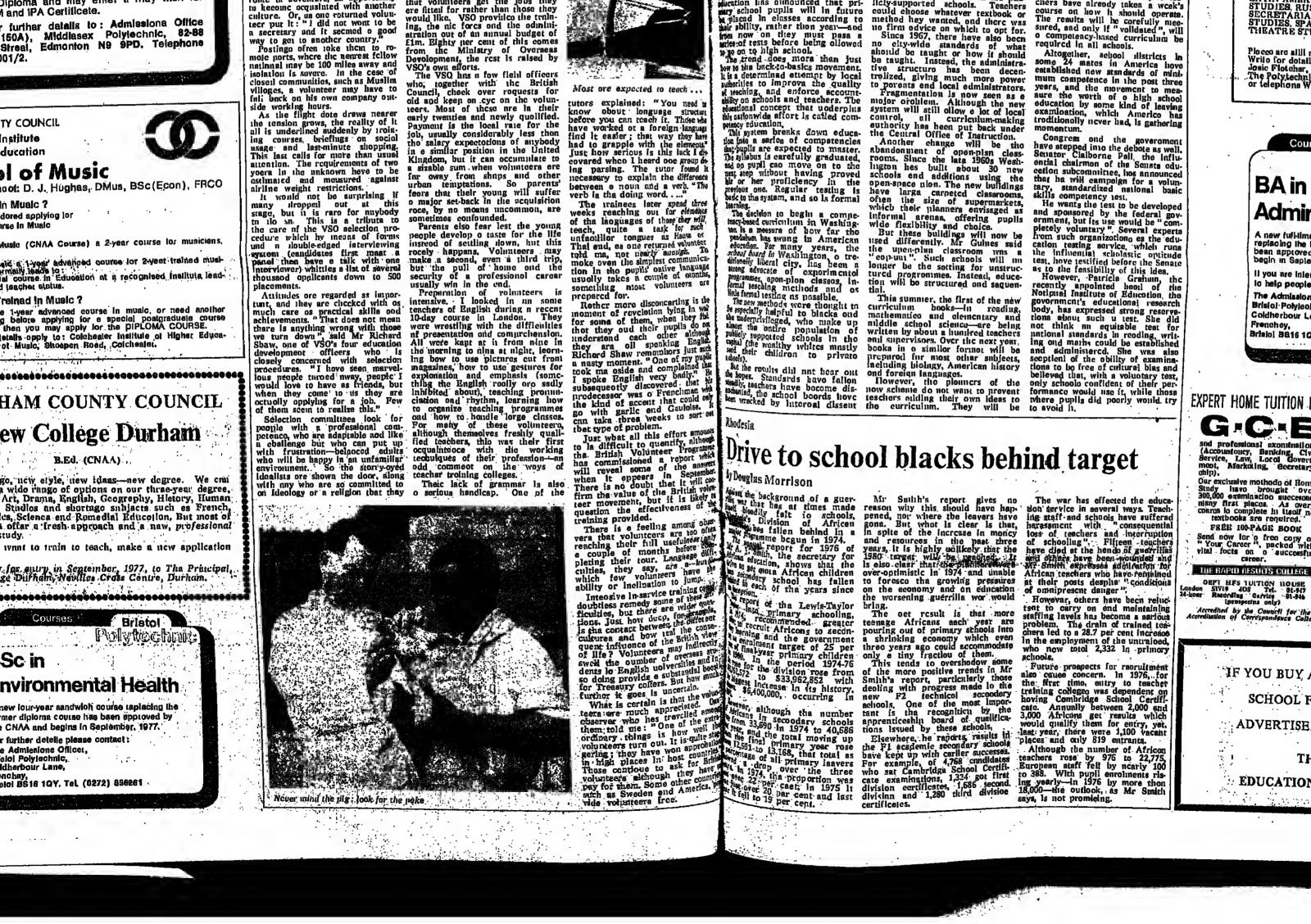
associoted with, the British Empire. They are their presence to that connexian.

For diem, as for many of their forefuthers, it is simply an escape route to adventure, an apportunity to become ocquisinted with another culture. Or, us one roturned volunteer put it: "I did not wont to be a secretary and it seemed o good way to get to another country."

Postingo ofren toke them to romole ports, where the nemest fellow antinnal may be 100 miles away and isolation is sovere. In the cese of closed communities, such as Muslim villoges, a volunteer may have to full back on his own company outside working hours.

In the cere to be able in teach, enter in the formolly or informally.

All arc engaged for specific jobs at the request of the pays the volunteer. This means that volunteers get the jobs they ere fitted for rather than those they would like. VSO provides the training, the nic forces and the odmining, the nic forces ond the odmining, the nic forces ond the odmining that the request of at the request of the request of the pays the result of the request of the req



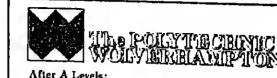


Out with play, in with tests

THE TIMES EDUCATIONAL SUPPLEMENT 19.8.77

from Michael Binyon, North America correspondent

WASHINGTON
The years of leniency are over, All
size the United States, school and public concern reached clinax same, anoths ago when used write or add, are lightening used, write or add, are lightening used seamonth as the control of the window of the control of the window. For the uniform of the window, For ser years the public inab bear of the light of the control of the window. For ser years the public inab bear of the window, for the window, For ser years the public inab bear of the window, for the wi



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# Speaking the same lingo

that filthough HM inspectorate has drewn attention to shortcomlings in languaga teaching, no funds were available to put tilings right. The wording of the Green Peper, however, does not eucourogo us to feel that any greater sonse of urgency lefcit now then it was a few months

It is not e question of wanting special treorment for modern languages. On the contrary, many of us would feel, for example, that unless Audio-visual Language Associotion.

in land of science

I teach. Just the opposite.

the comprehensive school in which

year, and the "cholen" of continu

ng these to the fifth year, or switch-

ing to physical science, human biology or rurol sciance. (It was

eight subjects, but a highly successful Nuffield Integrated Scieoce Modn 3 was abandoned last year.)

The effects of this proliferation

practical experience for pupils

especially in the firet two years,

in the first two years, followed by

MALCOLM C. BARKER.

Baynhom Court Farm, Wick, Neor Dursley, Gloucastershire.

uages, the schools oced teachers of modern languages. It would be nice to feel that someone at the DES was propared to accept the implication of those needs.

# Now who's distorting the facts?

Sir.—I read with some interest Dorothy Knya's article "The unacceptable face of publishing" in your issue of July 22. I am afraid that by misquoning the has been gullty of that very distortion at the real ubout which her article is concerned.

She refers to an "O level general naper, used in Liverpool in 1974" which, "among many slanted questions" usked the student "to consider the problem posed in Britain ly coloured immigrants. Discuss how successfully they are being tackled."

The actual wording of the question wording of the question, and discuss how successfully they are being tackled. Whut iff your yellows are the clements of the problems." (Joint Matriculowill agree:

I can quote a few I think you will agree:

I can quote a few I think you will agree:

"What are the aims of the manner of the manner of the month of the allows of the following: (a) Archmeds. (b) Euclid; (c) Descartes; (c) Newton."

"What are the aims of the month of the problems." (b) Called and the North, and can find not shall be considered the problems. (Joint Matriculowill agree:

I consider the problem posed in Britain ly coloured immigrants. Discuss how successfully they are being tackled. Whut if your view are the aims of the month of the problems." (Joint Matriculowill agree:

I consider the problems of the constant of the month of the problems. The constant of the month of the problems of the problems of the problems of the problems of the problems. The constant of the problems of the

# One man's view is another's poison

the fifteenth century. She goes on to complain that both raciat and non-recist books appear on thin same publishers' stands at exhibi-

tions of educational meterlal.

Sir,—I am worried to find myself agreeing with John Rae: I usually agreeing with John Rae: I usually lind his views too reactionary for my tosia. However, he is right to Green Poper's reference to modern longuages, and in portleulor to its suggestion that a language situal find a secure place" (in time secondary entriculum) "for as high proportion of pupils os is practicable".

My ossociation is frankly worried by statements like thor: you were kind enough to print a lettor from the Injune in which I pointed out that linguages took that the improperation of pupils os is practicable."

My ossociation is frankly worried by statements like thor: you were kind enough to print a lettor from the Injune in which I pointed out that linguage teaching, no further work of the first. The work of the first in the contribution of the point of the linguage teaching accept that it is along a state of the contribution of the point of the linguage teaching and the color of the first. When the contribution of the point of

Surely it lo self-evident that ell ing meterial have et last been recognized as the main couses of black children's failure in British ochools. Recognized by whom end failure depending on the bockground of in which subjects? Where are the

cultures and races that new melt up our socioty.

Excellent, but not et the expens of Britein'o heritage, part of which is her imperial past, reflected in har literature, where Kipling has at honoured place and the singing of whose "Recessionol" seems to have done a world of good to your contributor.

Y. O. TAPP.

### There's more to choose from than CEE Specialists rule

Sir,—On my return from holidoy I have just seen Paul Norgate's article "Waiting for CEE" (July 1) and would wish to make the following Sir,—Bob Doe asks lf "biology, chemistry and physics will morge into Integreted science". Not in

historic use ee a univarsity antrance exemination is being odded sarvice as a school leaving cettificate, is not necessarily to approve CEE, which was intended for an entirely different cetegory of pupil (CSE 24). The inodoquacies of A leval syllebnoss end essesamont may be overcomn by local submissions to the boords for use as aventual modes 2 or 3. The timetable for the school year 1977-1978 shows seven seperote science subjecto which pupils may the first two years, then physics, chemistry and biology in the third

The reel erguments about CEE revolve round its own justification or lack of it. Although much excellent work associated with CEE is being done in acbools and colleges it may be that these afforts are being mispleced in tackling a problem which need not really exist. The route for students willing and abla to continue their general education beyond 16 lies via A level, those for whom this route is too academic may opt for OND or ONC conirses. Those for whom it is too difficult and who are now working it towards CEE may well have been better novised to continue their adu
The reel erguments about CEE cation in a college of FE on a broodly vocational course ouch as those offered by the City and Gullds of Loudon Inetitute.

It is true that if A level is "the only sixth-form qualification ovoil-only sixth-form qual

### Governors: minor and major points

Sir.—You heve hed correspondence about minors (persons under the age of 18) acting as school managers or governors. I wish to cite just two instances as to why minora cannot so act as a matter of law. san bo imagined, and include an acute shortage of science appara-tus, a serious cut in individual

Pirst, it is not unknown for managera or governors to enter into contractual undertakings, e.g., the putchese of goods or the hiring out of school premises. A minor cannot contract except as to neces-

tonsecutive science lassous in claessooms, breakdowns in resources sud
technical support, and worrying
constraiots on the development of
the cardiculum for other faculties.

Wheo it was proposed at a science
faculty meeting that much could be
faculty meeting

It should be borne in midden and that managers or governors are not boilles corporate, but unincorporated associations, with so limited in class of membership that it may be that they are liable, jointly and soverally, for their acts. A minor has no capacity so to act. Nuffold Integrated Science and SCISP running in parallel for the following three years, the result was henvy defeat for the grutore". The "specialists" thought the integration had some merit, but the main difficulty would be in instituting the change to parents.

justifying the chaoge to parents, EDWARD S. WALKER, employers and college selectors. Waladl Matropoliton Borough

It became clear that the "specialiste" meant those parents of pupils
who might wish to specialize in the
sixth form, and, perhaps become
scientists, auglineera, doctors, and
of course, specialist science tenchers.

Sir,—It is interesting to read your
report of the Taylor Committee on
action governors, but you do not
mendion whether the report mawers
the most fundamental question of
all—are school governors really R. M. CANEKERATNE.

Weilingborough, Northants.

paper, who have involved in this,

We would be very interested to L. C. TIMSON,

know how they used the book, how Language reading centre,
succassful or otherwise it was and Park School,
whot the children felt. Did any Eleanor Road, London E15.

gained by the school from offering (more commonly known as school a retionolized science education fundo). Again, a minor cannot act, based on Nufflold Combined Science or perform the duties of trustee.

It is mo good those of us with actually be school by the first rate ways followed by the borne in mind that took rationalizing the structure.

### Wildly out about Monkton Wyld

caring teachers I have ever encour tered; dedicated adults who spent considerable time discovering what their pupils interests its said development.

Letters for publication should of by Tuesdoy morning at the less than the position of the position of the position of the paper only. The electron of the paper only the reserves the right to cut of the them if necessary.

Why was William Rufus's claim to the three questionable? . . . On which contemporary chronicler do we depond for a secount of Rufus'a death? . . . When I first mat Seamus, my conversation with him wont like this: "What'a your name?" "Seamus," "Got eny when I first mat Seamus, my conversation with him wont like this: "What'a your name?" "Seamus." "Got eny aisters?" "Yes." "Tell me ebout tham." "Christine." "Do you like her?" "No." sal hone. Everything the master has boiled down the spacking tube has boiled somewhere in the minda of his darges—at least for the moment.

The boys in this grammar achool classroom are 16, and preparing for a public
examination. The unstor has lectured
efficiently for 20 minutes on the reign
of William Rufus, end now he la going
to test their knowledge and, more
imperant, the effectivaness of his teeching. His questions are delivered at actio:

with what he knows of the pest.

In a achool like mine—o first school
with nu ege range from fiva to nine—such on epproach would be usaless,
especially with all those children who
come to us from homee which heve
encouraged only monosyllable answers to
questions are delivered at actio:

where converse the pest.

In a achool like mine—o first school
with an ege range from fiva to nine—sallowed to do... look mud think of thinge
and when you get back to achool you're
saked questions like that.

Michael: Write your own easny on it.

Alisou: Rather than just have to do it up
there 'cos then when you... get beck to When did the Conquaror die? . . . sistad of demands from edults raquiring

In-service nitvana?

In-service in the most to local anteriorities of the contribution of the contribution

Transmission or Interpretation?

Frank Sedgwick on the effectiveness of two teaching styles

Michael: Mm...you can...well, Aliaon had, when they want out they ware allowed to do . . . three things to do, write an essay ehout it, drew e picture,

The boys do well, because the teaching has been auccessful. The first hove make home. Everything the master has been allowed to have has been allowed to have has been allowed to have has been the minds of his discovered at least for the moment.

This boys do well, because the teaching has been auccessful. The first hove make home. Everything the master has been auccessful. The first hove make home. Everything the master has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has been auccessful. The first make home. This hope has home. This hope has been auccessful. The first make home. This hope has home has home has hope has home. This hope has home has hope has home has hope has home has hope has home. This hope has hope has home has hope has hope has hope has hope has hope ha

coa he has to do a lot of work . . . decoret-ing . . . too much work for him et work. He's got a lot of work but not enough

Michael: Do you have to [? Toocher: Well, it's true of all of us Michsel, ian't it?

Michael/Alison: Yes. Teocher: What about . . money's one thing thet restricts our freedom. Ian't lt? . . . We have enough pey to , , ,

Tencher: You know I'm not merricd. Do I have more freedom then married men? Soma people say, ...

Alison : No, not really, no. Michnel: No / 'Cos you heve to do your

So children struggle towerds the mean-lage of reletionships, words and socied problems when they ere allowed to learn and interpret. Later, thay are still en-geged in the same ectivities, but adoles-

------

Nicolette Gray argues that the widespread use of print script in schools should be abandoned

Must children in English schools start learning to write, by copying words written for them by teachers in their buoks or my the blackhoard. The teachers have soldom themselves received instruclinn in handwriting, and what they write ls often necessarily hurried.

The form of the letters they write for their children is prohably a copy of printed letters, letters which hove been evolved by type-designers with the inten-tion of eliminating all calligraphic

Some two years later the children are expected to re-learn their letters and to write "joined-up" writing. They are likely to be forbidden to use the lustrument with which they will almost cer-teinly write in adult life, the belipoint pen. Later in school life, handwriting is either noglected or o style moy be taught which the next yeer's teacher may forbid the child to usc. No wonder that we write badly; it seems a system, or lack of system, designed to produce bed resulte.

My research for the Inner London Education Authority, into the need for a new handwriting model, takes as its startlng point the ecceptance of today's writing tools, ballpoint and fibre-tipped pens. A first consideration is the most usual current model, print script, the uso of which seems to be founded on three

The idea of print script originated with the callgrapher Edward Johnston in 1913. He saw it as taking a letter back to Its ekeleton or easential form, stripped of the characteristics added by different cois, pen, chisel, etc. He proposed it as the first atep in reviving formal celli-graphy, and substituting the unright model of early medieval book hands for the italic tradition—which is why it is sometimee known as "manuscript".

Jobnston was not intorested in the teaching of writing in infant echoole, but his idea was taken up by educationists for two reasone. Print script provided en alternative to the only model then current, the difficult and laborious copper-plate; bere was a quick easy handwriting sborn of loope and flourienes, liked by potential commercial employers. It meant children could learn to write the same sort of letters they were learning to read—thet is if their reading primer was printed in sans serif type block letters. A pamphlet called Print Script was issued by the Board of Education in 1922, and its use was enthorized in 1927.

Since this period, however, the etatua of sans cerif type has been revolutionized. In the 1920s the treditional serifed Roman letter was the normal form in all book printing, including children's books. So it was easy to think of print script as being a skeleton of euch letters. Today sans cerif is current avertablers on signs.



closely associated with the Constructivist movement in art and architecture, and lettere were as far as possible reduced to geometric forms. This was a new idea, too. We are often told that letters are based on the circle and the square, but there is no bistorical foundation for this. On the contrary, they are derived uithmately from pictograms, and the developed form of our capitals were evolved empirically by the Romans from archaic Greek and Etruscan letters.

Our amall lowor-case letters were developed for the contract of the next. Whereas they mey learn to read in worde, these have to be taken to pieces when they write. Is it really even the best design for learning to read? It introduces the direction contained to read? It introduces the direction contained to read? It introduces the direction contained to read? It is like learning a language by grammatical rules rather than by direct speech.

The use of ten to read in worde, these have to be taken to read? It introduces the direction contained to read? It introduces the design for learning to read? It introduces the design for learn

Our amail lowor-case letters were developed in the late Roman period as a quicker, more informal mode of writing, subsequently given a variety of standard forms at different times, in different places. During the Renaissance, ettempts were made to impose geometrical principles upon lettor-construction, but these experiments were made only with the experiments were mede only with the scrifed versions of capital letters. The ettempt to do this to lower-case letters was not mede until this century.

Modern aens serif type-designere heve imposed geometrical principles on his-torio traditions, and simplified and

represents the essential end so the correct form of our elphabet. This is not the philosophy of lettere behind the Bullock Report. That allows for different "funda-

How are these "fundamental attrland "invariant properties" to ba presented to obliden in a visible form?
The obvious answer seems to be to use
the simplest, most retional letter-forms
which we have, eans sorif. But almost
inevirebly these will then ceese to be thought of as representing the core of the letter's identity and become instead essential, correct letter-forms.

It is a vary easy and tempting transition, often no doubt made unconsciously if the infant echool teacher hes been given no craining in the philosophy of

innumerable adeptetions and variations, some derived from prectical considerations, others for eeethetic or advertising purposes. For instance, the British Relialphabet is designed for logibility at a distance. Ascendere and doscenders are thorefore reduced to a minimum in order to maximize the overall size. One frequently coes the influence of this in handwriting, where it makes for illegibility.
Finally, there is the argument that it is

important for children to write the same letters that they read; that different lotter-forms "increase the total quantity to be learnt and so add to the burden", as the Builock Report has it.

Learning lettors is not, of course, the same os loarning to road. A lotter is perceived, namod and remonibered like any other visual object in children's oxperiouco. These other objects are not identical. They recognize and draw a flower or a tree before they tell a daisy from a buttorcup or e plano from e che We did an experiment with a group of

children agod four to six, mostly non-roaders, and found that they could reagnize n whole range of diverse letters What Is the evidence for thinking that the concept in the mind of children whith enables them to recognize and remember a letter is precise rather than indefinit?

Watching young children write, I actice it is the way in which the letter is formed, the actual pencil movement, which they remember, rather than the shape. May not the process of learning at school be one of clarifying a vague and flexible concept, which could as easily be resolved into two as into one set of precise forms, one proper to writing, the other (er

one proper to writing, the other (or others) proper to reading?

Do we, indeed, grown ups or children, register precise forms when we read?

How many of us notice differences in type-faces until we are asked to copy?

The degree of attention to form given

when reading is quite different to that required when the same letter is written. The argument in favour of learning to write by copying what is reed very dublously outwelghs the disadvantage of having to learn bow to write twica.

The theory of print script is based on

having to learn bow to write twica.

The theory of print script is based on misconceptions. It uses a model which is shifting, and not under the coatrol of education authorities. It involves theory which makes no allowance for curaive writing to have its own perfection and ekille. It assumes a theory of letter recognition which is questionable, and introduces letter-forms which are confusing.

I have been collecting examples young edult handwriting, and this style esems to ba the chief factor respon

beling a skeleton of such letters. Today sans serif le current everywhere on signs, odvertisements, packages, as, well as books; no longer a skeleton, but a norm, it has, moreover, acquired another life and the letters. But it is one that must affect the letters, and the norm, it has, moreover, acquired another letters, and the letters are not chaining in the philosophy of fecters. But it is one that must affect the letters, and the norm, it has, moreover, acquired another letters are not chaining in the philosophy of fecters. But it is one that must affect the letters, and the norm, it has many new-designed and common mercial innovation, sans serif types were redesigned in the 1920s in England and Germany. The English versione designed by Johnston and Gill for the London Underground, euch as the typeface Gill Sms, did start from the idea of an assontial, skeleton letter such as the typeface Gill Sms, did start from the idea of an assontial, skeleton letter such as they were grouped developed as Gill wrote "firet; of oil for typegraphy, and moreover for nuclime cutting".

All the can meke for crisp and clear typegraphy, and moreover for nuclime cutting "much used with Gill Sans in children's books), is more ruthless in its inteotion. The designed by Renner in 1927 (much used with Gill Sans in children's books), is more ruthless in its inteotion. The designed by the calligraphic elements of traditional Roman types were to be an additional Roman types were to be an additional Roman types were to be an additional Roman types were to be a seel to the final rost of the child of the child in the internal content of the scale and common of each letters with the state in the writing of young adults, insert facted on the withing of young adults, insert facted on the withing of young adults, insert facted on the letters are not betters are not be instrumed to letters are not betters are not better to see a selection of the such plants to be a

Gods to us



Marleno Dietrich

In the 1940s, Mariene Dietrich, Bette Davis and Mae West had a large and, to some people, surprising underground following. Michael Clarke reports on this and more recent aspects of homosexual culture as manifested at this year's Gay Film Festival at the NFT.

Loft David Hockey whose film 'A Bigger Splash' was shown at the Gay Film Festival

National Flim Thoatre July Season Three seminars: The Gay Seasibil-ity (July 12); Stereotypes (July 21) and Lesbian/Foroinist Perspectives (July 28) Gays and Film. Edited by Richard Dyer. byer, Film Instituto 75p.

At the seminar on gay sensibility : be anciont Gracks' Platonic pursuit

judged by that standard of sexual bahaviour. By this measure rice bahaviour and celebrate and ling together, a building up of collective decitive and ection. The almost exclusival focus on sexual role licenses the enormous simplification and distortion of, "He's queer!" which apparently explains everything, even as polonal it away, despite the fact that the differences between homosexuals ere and balaviour. There is amplased the differences between homosexuals ere as evidence that homosexuals ere as capable of loyal solidarity, both in pairs and large, groups, as snyons approach the screen avoids this, as inteed as from the sordid parts of actual existence in the sordid to accept the mage projected on to the close-up, destribed portrait and many homosexuals have ection. The could how, as o youth in locally in the hed concaled his admiration for Bette that their sampla to homosexuals ere as capable of loyal solidarity, both in pairs and large, groups, as snyons the screen avoids this, as inteed as already axisted and in its way formed a group identity.

Bahuscio in his essay quotes will always be found to do how, as o youth in low youth, he hed concaled his admiration for Bette the large of the racent that their sampla to homosexuals ere as capable of loyal solidarity, both in pairs and large, groups, as snyons.

Bahuscio in his essay quotes will be the lings projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed portrait pair in the image projected on to the close-up, destribed

as firsted or of the goddlike and the illusted model of the control of second powers of the second power of the goddlike and the illusted model of the goddlike and the illusted model of the goddlike and the illusted model in the goddlike and the interest of the extreme anger and have done in the goddlike and the interest of the extreme anger and for the goddlike and the interest of the extreme anger and its value. Certainly the rasult is so that for the extreme anger and for the goddlike and the interest of the goddlike and the goddlike and the illusted in the goddlike and the goddlike and the illusted in the goddlike and the

# A failed rescue attempt

Noel O'Sullivan reviews a new study of liberalism



Locke, Roussenn, de Tocquevilla, Mill . . . staps in the liberal midition

The Good Want Power: An Bssoy en the Fsychological Possibilities of Liberalism, By Kothien Nott.
Jonothan Capa, E5.50. 224 01382 3.

Mrs Mott's book, so she talls us, is tho work of "e would he liberal, on a of those who by temporamont and upbringing want liberations to have realistic meaning and to provide a working philiosophy". Her enterprise is a poleona on By the time of the Part Working the That Working the Capatilism, or the first and the content of the time of the Part Working the Capatilism of the State Intervention which that required, dat a axtant which that required at a more more obscura docordistic made in the state Intervention which that required at a more which which mada it indistinguishable from the capitalism, or the free thing for the case for liberty, one had floogist, by observince than in its mercia as a device for the efficient promotion of the Capatilism, or the free thing time of the Capatilism or the Capatilism of the Capati

scylia of "positivo" liberty, which loads (as Roussean and too many sociolists heve shown us) in e collectivist and authoritarian direction and the Charybdis of "negative" liberty, which would seemingly leave ilborty, which would scenningly leave the sheap at the mercy of the volvos. From the outset, however, she leaves the render in some doubt ebout the exact nature of the path which she intends to follow, for

The first, reflected in the sitie of her book, and reventing a mon-ner of thought which has little obther of thought which has high obvious connexion with the cantral theme of liberollsm, is her concern with "the good", mid with the "psychological possiblities of liberalism". In classical liberal thought, of any rate, the contral theme was hosility to subtrery power; and what the clessical liberal writers, from Lomke to de

The most peradoxical sapect of the source of

stances of this).

Since the good want (in the sense of "lack") power, politicians and other power acckers are intrinsteally suspect; hence her preference for intellectuale and experts. These will not use yleiant methods to change human ettitudes, but will rely on moral education in order to "clear not only our understandings but even our percaptions". Others, Mrs Nott writes, have wanted to change our hearts (Rousseau, for example); her own hope, although she is as pessimistic ebout carrying it out es Rousseau was about changing our hearts, is that these experient while have some slight success in changing our headed dataed.

Whether this anterprise is to be

whether this enterprise is to be regarded as more liberal or, indeed, as significantly different from Rousseau's is a matter for some doubt. Fow of us, one imagines, are at all anxious to have our understandings and perceptions cleared by anybody, especially when we think of the rubblest vigour with which Plato traced out the implications of this view; but such, at any rere, is the outcome of identifying liberty with Justica.

# Teach us to sit still...

Hermann Peschmann on T. S. Eliot

THE TIMES EDUCATIONAL SUPPLEMENT 19.8.3

Hermann Peschmann on T. S. Eliof

Elia's Early Years. By Lyndul Gordan.

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Desired University Press

My old friend Al Fresco loves the open an bile. He comps, he climbs, he hikes, he suits, he flies. He's accounted pretty good at them all. Whatever he's doing, he is properly equipped, knows how to get the hest out of it, knows how to not the hest out of it, knows how to need to something goes wring. But if you suggest he's norm of parts, he modestly points not that his know-how cost him just £2.30.

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Whiles Today, edited by single Today, edited and Sulphines and

# Three dogs and a cat

Naomi Mitchison

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Gollonc £2.75. 575 02310 4.
Good Dog Sandy. By Molcolin Saville.

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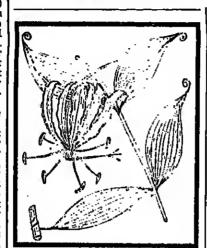
A Cat Called Annestu. By L. W.
Hillilleh.
André Deutsch £2.95. 233 96867 9.

Dogs are always good. After all, the obvious remark to make when presented to File is: good dog then I Mony people in exclamatory is realiter too missionly good, though, like formula sples, tievy are usually beoutiful end sometimes fierce. All the dogs in these books run true to typo, intt oven more so. My favourile olg is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, intt oven more so. My favourile tog is Blinder, nature to typo, into when missing because the heroine, nine-year-old Vicky, is a real Women'e Lib girl who can successfully fight any boy of her own ago, as well as being full of fairly practical ideas. Blunder; is me of those woolly dogs that you hava to look at lard before knowing which end to stroke, and he has all the right instincts. He has been badly treated by his owner and is rescued by Vicky and her

# Daisy or dandelion?

Darwin and Ills Flowers. By Mea

blographiss of great botanists of the last century, Mea Allen has made



Gloriosa superba, or the Glory Lily, contains olkoloids which con couse deoth if lugested. It ls described nlong with other Dangerous Plants in John Tum-pion'e study (Duvid and Charles £4.95).

an important contribution to the history of science in this book about Charles Darwin. She has dray freely from his own seven many books about plunts (reproduct, many of the original drawing from a rich mass of hitherto upplished material mode available to the Darwin family and from many other sources including Kew.

Derwin, after his five years w ogo in HMS "Beagle", thought himself as o geologist, and in peopla soe bim as a working by nist. Most blographies, perhanaturally, tend to dovote mai space to his species work and is aftermath of the publication of in Origin."

"Crigin".

Although he once said that he could not tell a laisy from he draw freely from he experimentel work on plants what working on the spacies problem. He ever-increasing botanical knowledge was a major factor isoding to the shift of his thinking from the hied truth of the book of Genesis to the possibility that spacies were not is muteble (writing to Joseph Hode that "it is like confessing a magnetic that "it is like the confession of the c

Copies of Darwin's seven book on plants, long out of print me becoming rarer with the pasies yoars, and a study of his contributions to botany has long been overdue. Misa Allan has filled this gap magnificently.

# Old and New England

Kissing Cousins: An Interpretation of British and American Culture theorems. Spread throughout the text as fontnotes they would, on average, have taken and British by the enormous them a seventh of each mousiv increased rule of text of the coorman.

himself in this book was "10 first, which is much the inngest, gramine some of the cantinuities sets the scene by showing how the conspicuous success-and in not much more than 300 pages.

devoted to notes. These contain a

Anthony Locke

Happy endings?

up an omre thou a seventh of each

The houk is in three parts. The and discontinuities in the American and British culture experience of ordinary people in developed as responses to their modern America and Britain with differing historical and geothe outlook of a social scientist and graphical circumstances. The chapthe perspective of an historion. Icr on Amorica cancentretes on the Bearing in mind the difficulty of Purion Ethic of hard work, frucomprehending the wood when one gallty and nersonal responsibility is doilghig around oolongst the with achievement as the supreme trees, to say nuthing of the shear value; appropriate to a society size of the wood, this is a very which had at first to struggle to surformldoble exercise indeed. But vive at all and was later to subdue a continent in two generations.

A (anich shorter) chepter on Bri-The last 50 or so of them are etiach to self-restraint which Snow-sources. It is a pity he was per- swim".) Fort one ends with a chapsources, it is a july ne twas here swim...) Port one ends with a chap-suided to ronsign them to the ter on the extent to which American and British cultures are mirror images of one another.

# Brave new worlds

Books/America/Economics

A. Ripert Hall

A. Part two is about the "new" values engendered in postwar America and Britain by the enormously increased rate of technological change and the universally available only increased rate of technological change and the universally available abundance which was assumed to result that her are signs in the noed to be adaptable) and Self-the noed to be adaptable and

New labels

Developments in Dealgn Educotian, By John Eggleston Opon Books £3.90, 7291 0097 9.

area of the curriculum is being restructured thet claims made on its bohalf will be overstated.

# Hounded species

Sally Festing

The Otter. The Fex. By Ernest-Dudley. Muller 22:50 asch.

pairs in Norfolk in 1975, hitherto a favoured outer county, while the fox, it by often, three to majorating to majorathing balanced populations of ether ani-

What is e fex really like? It is not a vicious thiaf, not a murderous killer. By first dispelling the mythical figure of literature and putting its vandallem in perspective, thoo tracing its encestral poet, the rooder is encouraged to onter a private world. Illustratione, some factual, others simply endcacing, ere an asset to the books, although both suffer from ispses in a style which years from ropetitive to unnecessarily wordy, muddled ond ungrammatical.

# Feathered

F. J. Thompson

The Birds. By Roger Tory Peterson, Life Young Readers Librery £2.95, 7054 0511 7.

Thie book, which first oppeared in 1969, is now in its third printing. It is based on the adult version from which many of the full colour photographs and diagrems are taken, but is written in a much coasier styla which should appeal to children and is probably cultable for the upper junior or middla school child.

and Badger completa the quartery more people are tempted to accopt words. Historitone, some factual stereotypod vlowe of them. The word is considered to accopt the proper forms the proper people are tempted to accopt the proper people are tempted to accopt the proper people are the proper to the proper people are the proper people are the proper to word. Historitone, some factual colors simply endcaling, or an accept to the books, although both assert to the books although the transmitted of the we too readily dismatch that there is a case to the books although assert the proper people and the kind of life we too readily dismatch that there is a complement to the proper people and the kind of life we too readily dismatch that we too readily dismatch the proper people and the kind of life we too readily dismatch that there we too readily dismatch that we t

This book will certainly oppeol (or loost in parte) to all tastes. There is, for example, e deflantly "full-frontal" photograph of two people in belled "Man" and "Women", a cuttowny express of "Copylintion", to say nothing of o young lady in eparison of the embryos of fish, parison of the embryos of fish, pigeon and mon!

As o book intended as m introductory book, it is more entited and of the introductory book, it is more entited and of the introductory book, it is more entitled and of the introductory book, it is more entitled and of the province of A level. It concentrates one the province of A level, "As being on pottery, etc. and in the presion of contents of their special interests in the past ee show in painting on pottery, etc. and in the presion of contents of the province of A level, "As being on pottery etc. and in the presion of contents of the province of A level, "As being on pottery, etc. and in the presion of painting on pottery, etc. and in the presion of contents of the province of A level, "As being on pottery, etc. and in the presion of example, edeliantly "full-frontal" photograph of two people is the potter. The final obsets, when the province of A level, "As being on pottery, etc. and in the presion of example, edeliantly "full-frontal" photograph back the frontiers of their special interests show in painting on pottery, etc. and in the presion of example, edeliantly "full-frontiers of their province of the province of A level, "As being more relationship with ings examinetions, it, is examinetions, it, is prevented to the frontiers of their professions on the province of the province of the province of the province of the interests show in painting on pottery, etc. and in the presion of example, edeliantly "full-frontiers of their professions on the pottery of the province of the professions of the province of the province of the province of the

to say nothing of a young lady in a Playboy pose advertising a conjugation of the embryos of fish, pigeon and most!

As a book intended as an introduction to secondary actual biology (by which one assumes lower or middle eccondary stogo) its contant is more than a little compareheasive. Theory-five yoers ego on O level biologist knew that a cell had a denser, organizing nucleus. Tolay one discusses Mitochandrio, the Endotbelial reticulum and other interests. Interest. It would a lister as a conjugate on the page glossory is useful. There are end ocology. Obviously some of the motorial could be used of O level; a formation Book.

Awards

Awards

Awards

Publishers are remieded that the closing date for entries is August 31. Three copies of each beek should be sent to Michoel Church, also make an excellent toochere. House Square, Gray's Inn Road, London WCIX SRZ.

# Small is beautiful

David Whitehead

mons. Gemini £3.50. 905071 00 3. £1.40. 905071 01 1.

eacka to diagnose the Ills of monoeaexa to diagnose the Ills of monopoly capitelism, and to suggest o
remedy in the formation of amoli
firme. Although the ingenuousness
of its messaga chinea through, it is
rogrettably marred by numorous
miaprints, no indox, inadequato
referances ond a numbar of moro
important mistekes and misloading
statements.

Fair Trading and Consumer Protection in Britain.

HMSO. G01 reference pamphler 144.

51.00. 11 700801 X.

This hieldly presented booklet is essential reading for all teachers of commerce and social economica. It

tion", while ignoring the fact that profits as a percastaga of national income fell from 12.9 in 1965 to 4.7 in 1975. When experiating or the problems of our education sytem, he uses 1969 figures is teacher-pupil rotios, and conclude that "cleorly at the present time there is a desporate shortage of teachers".

This is a sulogy of an ex-New York sum junkle. There is no criticism. The atory storts interestingly. Mailer was ilrst orracted at the ago of eight for ploying bookey. At ton he started to corry numbers slips and druge. At twelvo he was sent to reform school for burgiary. For the most nine years he was in and out of "kiddle joints" and jails for nurcotics possession and sole, ormod robbery, heaking and cutering, incrony, aeiling false draft cerds, pickpocketing, and plunjug." At 22 he docided to hig item gaogsters I was trying to impress didn't trust junkles."

The reason for the blography is The reason for the biography in the Mainer reformed ood learned by to halp other oddlets at Synome, a rehabilitotion centro eet up by an axalcohulle. Meher breoks the own version called Delancey with through the skill and flair of the leaders. Grover Soles gives little will accept the Synoun. It is written and being too much dapendence at foundations.

# of patronizing. In foundations made n point make the solution of without government towns his and many other aspacts period. They both set up peletiol centres to the most except parts of Santo Monica ood a lyo exembassios.

John Meher of Delencey Street. By Groves Sales. Sheldoe Press £3.95. 85969 031 8.

### Review letter

Sir,—May I correct lust a tew of the inaccuracies in N. W. Pirle's review of my book, The Famius Business (July 151?

First, I do not suggest, "whimst cally " or in any other way, that " an expert should comment on each (food) advertisement". I consider the suggestion indicrous. I coomst the food processors' claims that their advertisements are informative to the point of heing educative—o claim bused on the observation that advertisors are not allowed to lia. I point out that advantisements at best are edvocacy and that—as is acknowledged in courts of law—the truth ilse nomewhere between opposing advocacles. What I suggest is that sloce peools must buy food, advertised or not, sad the cast of edvocacy must in the end he borno by the consumer, it would be better not to edvertise lood at all.

Mr Pinia is right to point out that

Review letter

| Sir\_May | Correct lust a low of the increases in N. W. Price revow (Day 15) N. W. Pri

the area is one so locked down upon the the crafts. Dealgn education might be seen as the adoption of a new label in order to shake aff the donlgrated old one but concealing little change in elther ideology or precitice. Design Reducation about at least persuade doubters that o rese change in ideology has taken place and that in some achools it has already cheaged the practice.

The claim that intellectuel, aesthetic, technical, sociol and even moral decision making is called fing in dealgn education is not difficult to support, but it is still difficult to flud evidence of this in mose schools. Prablem-solving, the principol value chalmed for the subject, is all too rarely the point of deperture in the workshop. One of the reasons for this is that croft lenchers in general ore too self confined in teoching certoin essential skills to venture vary far beyond their own educational experience, end another is that near absence of any teseling preceriptions in the publications of the various design-research projects.

not enough that the teacher's etaltude changes. A change in the provision of fdellities and resources
made by the school must come
ebout before nuch of the four major
oreas of emphasio Eggicatou describas con be properly realized.
The recognision of these hard facts
will make this book sympashotic to
teachara, but what they will most
value—it is no good corping—is the
outline of o chuice of models to
imitate, both in the setting up of
the work context and of the work
to be done. A more thorough discussion of the problems involved
must be sought elsewhere.

odology in econoesion of disagreeesion of disagreelcs, the positive/
zion, and tosting
esse, is essential
arious students of
cellent long oueotes conclude ench
David Whitchend

Russia: the People and the Power,
by Robert G. Koiser (reviewed in
TES, July 2, 1976) ond The
Russiais, by Hendrick Sofith
(reviewed June 2, 1976) are both
now available in penerbeck. Robert
Koiser'a etudy is published by
Penguin et £1.25 and Headrick
Smith's by Sphera at £1.50.

# for student and businessman

ment Plon, ond regional policy in the EEC. It has never been difficult to interest students in the A lovel etudents of economics, and muldergraduates.

The United Kingdon Economic end Notionel Institute of Economic end Notionel Institute of Economic end Notionel Institute of Economic Analysis Social Research.

He Studies in Economic Analysis Series edited by Peier Meinder or aimed at firet-year college and A level students in the North East of England in regional A level students. The first book constitution of a report flist case in the EEC at those never been difficult to interest students in the North East of England in regional A level students. The first book constitution of a report flist case in the EEC at the series students in the North East of England in regional A level students. The first book constitution of the EEC at the students in the North East of England in regional A level students. The first book constitution of the EEC at the EEC at these never been difficult to interest students in the North East of England in regional A level students. The first book constitution of the EEC at the students in the North East of England in regional A level students. The first book constitution of the EEC at the EEC at these never been difficult to interest students in the North East of England in regional A level students. The first book constitution of the EEC at the EEC at these students in the North East of England in regional A level students and the service section is students. The first book in the EEC at these students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of England in regional A level students in the North East of East too.

This for the EEC at t

The

Education

and Communication Technology Exhibition

Holland Park

School School

Airlie Gardens London W8

Tuesday-Thursday

23-25 August

10 a.m.-5 p.m.

(4 p.m. Thursday)

# When small is beautiful

Paul McGee on microprocessors in schools

Microprocessors, like electronic ral-ralators, are getting smaller and rheaper. They are already affering our lives—in the library, in the aro fundamentally more important than the calculator in the same way that the consputer is more than just a fast estrulator.

There ore three sreas where the There ore three sreas where the micraprocessor might make its mack in schools. It may mark e study in its own right: the rheepness and case of assembly of many of the available kits rouble make it u very practical course and if this happens there could well be changes in the teaching of containing and near electronics. puter studies and even electronics.

Second there is the possibility that every school office could have its own micra-computer, and third teaching machines designed with cheap und rollable and able to interopraressors could be smell, control the student's progress more arcurately than lerger intelimical machines.

To understand incrupracessors it is useful to know a little about compiners and the jargon which bedevils alcroproressors. An essential regularment of a compiner is that it stores its program and its date in the same two, usually in an immediate access store or in a randomical state. numediate eccess store or in a random access mamory (RAM). A program storod in this way allows repetitive work to be done at great speed and can olter itself while it

The program is usually stored in "read only memory" tROM). ROM can be either bought permanently programmed or, with the aid of e

Adventure kit

programmed or, with the aid of e sperial device, can be programmable (whan it is celled PROM). This egain cen be permanent or cap be orased usually with ultraviolet light. It is then called EPROM. The program having to be rewritten. Sometimes and this corage. Crossessors. They have meny thousands of electronic components a squero coation that and nice ronumonly made in wafers of sillron. The processor in a large computer to show whet the store or memory; the arithmetic unit; and the control unit.

of elertronirs, such as firms which want to incorporne the microprocessor into some other device and so will order large quantities. This makes it more difficult for the cuthusiast who would like to experiment with microprocessors and perhaps build a microprocessors and perhaps build a microromputer, octivities already popular in America where people are adapting home equipment such as telavisions and tape rerorders to rock with microprocessors.

Monufacturers deal with large firms but have agents who desi with smaller rustomers. Some ogents also develop kits for beginners based on the instituter's processor. Occasionally these kita can be expended but this could be expensive.

expensive.

The four major monufarturers et the moment are inici—the world leaders—with their 4040 and 8080 renges of four and eight bit processors. Motorala with the M6800 eight bit series; RCA with the eight bit 1800 series and Texos Instruments with the 9900 16 bit series.

series.

RCA offer the COSMAC Microtutor which romes ready assembled or the Evstuation Kit which has to be assembled. Both aro dosigned to

are Frittan for scientific work, d Algol for mathematical work, Colum for rommercial upilications and particular many for rommercial upilications and algor rammer of the microprocessors are already full lowing the same path as larger rammer for scientific work, the same path as larger rammer for scientific work, the same path as larger rammer for scientific work, and the requested data in the disc unit so the requested data in the disc unit so the requested data in the disc unit so the requested data in the requested data in the disc unit so the requested data in the disc unit so the requested data in the disc unit so the requested data in the requested data in the disc unit so under the requirements o

switches or by connecting n teletype.

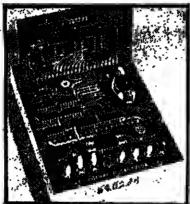
Crounce's philosophy is that the user should say what is noeded and how much money is svailable and hey will saylse. They are also keen to collaborate with aradomic institutions on projects of mutual benefit. Information from Roger Phebey, Cramer Electronics, 16 Uxbridge Road, Baling W9 28P.

Ropid Rerall sperialize in Intel devires and offer e System Design Kit for £220. This tokes three to five hours to assemble and uses a standard teletype for input and output. It has 2K bytes of ROM, cxpandable to 4K, and 2S6 bytes of RAM expandable to 1K.

There is a user's manual for the

There is a user's manual for the

high level language PL/M as well as the assembly language munical.



They have meny thousands of electronic components a query case in the service and rice rounitonly make of the computer to show which has to the same of the computer to show which has to the same of the computer to show which has to the programs the society of the article that the control unit. The other parts of the computer are called peripherals and includes a case of the computer are called peripherals and includes a case of the computer and storage receives and peripherals of data than the RAM but cannot recitave it so word which or made in computer words which sate of the received in the program stored on the program stored in the program stored on the program stored the program stored the program stored the program s

A twin cossette driver which allows two ordinary rassettes to be used for storing information and fast tape reeder (50 ar 120 characters per serond ar cps) at also offered. There is a VHF modulator for £3.50 which will convert an ordinary television into a video screen for output. This can be built into a kit form telstype which displays 16 lines of 32 or 64 characters at 10 cps. An optional extra allows the speed to be switched in 30, 60 ar 120 rps.

A parallel interlace allows the

A parallel interlace allows the processor to truster a whole screen of information at a time, converting the television into a true visual display unit. All this available for obcut a third of the cost of u conventional reletyre. A line printer which prims 75 lines a minute each of 40 characters in available for £200. Gardon Ashbee's Computer Workshop is at 174 lifeld Rood, London, SW10 9AG.

# The doodle bug

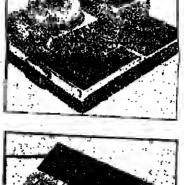
Thera was a time when doodling was free, that is you doodled your own thing and it did not cost,

Now Berol has decided to change all thet. It is selling huge posters with patterns end pictures on them which you colour in together with colours and part of the selling sell colour pens and a hanger strip of which you hang your finished example of "doodlo art". The

the Liverpool University School of Medlelhe.

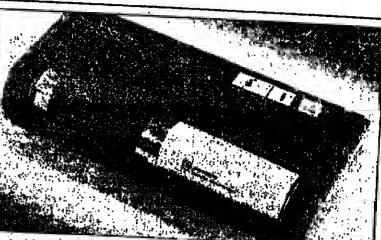
Further information is obtainable from Carri Nearly Centre for Communication Studies University of Diverpool, Chathani Street, Liverpool Liverpool, Chathani Street, Liverpool Liverpool a kit. tendency to redure everything kit.

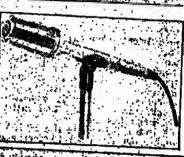




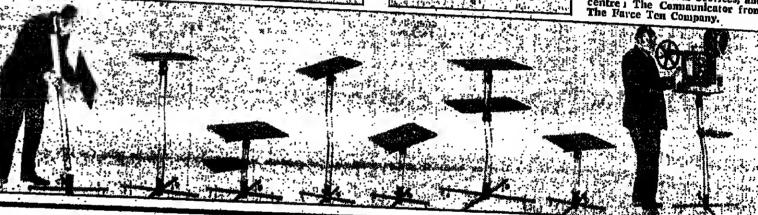
EdTech '77







Bame new equipment which will be en display of EdTech. Above: the Gakken 808 stencil cutter from Coucord Office Equipment; belaw I assembling the new Unicol projector stand; left: the SM59 mierophone from Shure Electranics; fac left: the Sebitron PLT language trainer from Smiths (Electrical Engineers); above centre; the AV5000 Executive from Robinn Visual Secvices, and centre: The Commandicator from The Fayce Ten Company.



# Preview

Alva Ltd, Londan

Framples from the wide range of radio cassette cecorders and teaching machines will be m show as well as the new language tultion (sarre, TM406. With this system madents resord their voices on a magnite track from the tused by the teacher. They can, therefore, case and re-record matry times withers differling the text material. The stable also has a mechanical state and built in microphone indity.

Li Arnold and Son Ltd, Leeds
Responsive range of their audiotion and resources aculpment.
The all res rage system: Also on display will their metal overheed projector

\_\_\_\_\_\_\_ did Learning Ltd, London wide Learning's large list of castraide has base increased by the tand filles in English, Americal Sociology, Other subjects in geology, English literatura

bid specialize in tapo recorders, in the stock record players and sound the second players are agents for ribution end service, but trecord players and sound the They are agents for including landbarg and Fercograph. In kit form and can be used to make many different types of structuro. Another type of Climpex product, Service Trucking, will also be obown. This is a steel box which holds electrical or piped services. they are agents for including

Rssex
A new concationed centrifuge which, soys the company, meats all Nuffield Chemiatry requirements and hoo been designed to rigorous affety atandards will be in display hare. Also on show will be the Educhom Molecular Model Set for use in circulatry couraes up to advanced lavel end the Educhem Student Melting Point Apporatus.

They will be showing the WJB storen record playor and their Anillo Active longuage leboratory which includes cassetto tope recorders.

Ealrd and Tatlock Ltd, Romford, Rssex
A new cducationel centrifuge which, soys the company, meats all Nuffield Chemiatry requirements and how been designed to rigorous afety atandards will be in display hare. Also on show will be the

Fergus Dovldsoo Associates Ltd, West Croydon, Surrey For the first time in the United Kingdom more than 200 educotional documentary films, produced by UPITN—of which Independent Talevision News is a part—ara being mede available to erhools, colleges and universities.

EdTech Exports, London
Tima company aims to holp with the fulfilling of "completo package" orders from Middle East and Africen countries.

Elite Optics Lid, Cardiff on the Elite orand will be two now overhead projectors both with low voltage illuminstion, of which the firm is especially proud. The advantages are said to be that the advantages are said to be that the smeller filament is less prone to damage through accidents and gives e whiter lliumination. One of the instrument body.

EdTech Exports, London

as "e juortable, general purposa audio oid for teachers working whith small groups." The system consists of o teachers working whith sides to be control unit, student units end hoadsets and a simple to use, say The Force Ten Conpany, with epplications to company, with epplications to constant work and language laboratory technique and electronic pisao keyboards and number of now eudiowisual otudy carrels and language laboratory techniques and language laboratory decident and language laboratory dent units end hoadsets and a simple to use, say The Force Ten Conpany, with epplications to constant work and language remedial work and language laboratory technique and electronic pisao keyboards and number of now eudiowisual otudy carrels and language laboratory decident and language laboratory decident units end hoadsets and a simple to use, say The Force Ten Conpany, with epplications in constant and language laboratory technique and language laboratory bear of now eudiowisual otudy carrels and language laboratory decident units end hoadsets and a simple to use, say The Force Ten Conpany, with epplications in constant and longuage laboratory tendent units end hoadsets and a simple to use, say The Force Ten Conpany, with epplications in constant and longuage laboratory and language laboratory bear and language laboratory bear and language laboratory and language laborato

UPITN—of which independent Talevision News is a part—ara being mede available to arhools, colleges and universities.

Digital Equipment Co Ltd, Reading, Berks

The first microcomputer-based timesharing system, the Multi-ligar/

w product on display here make the control of the c

Continued on next page

Advanture playgrounde and edventure playground aquipment continua to goin in popularity. Berly playground structures depended our rough planks, scoffolding oud ingenuity and there ore still mony people who profer to build their own. For those who do not, Entout-ces has the Norplay ceries. The units are hult of plue logs and have to be concreted into the ground, There are elimbing bura, swings and slides, ropes, ladders and climbing nets. Tyro swings and neessaw are among the mora

bridgo and a plny house ore smoong the grander ones.

Sports Equipment Division, En-tonteas Ltd., Syston, Leicester.

### Whale story

A whole walichart is provided in the centre of the current Wildlife Nows, a Wildlife Youth Service publication. The News also gives information on ondangared spacies of whale and on a petition soliemo which the youth acrvice is running to encourage while protection.

tout-ces has the Norplay ceries.

The units are hull of pine logs and lave to be concreted into the ground. There are elimbing bura, swings and slides, ropes, ladders and teachars rather than children. It gives detaile of octivities, information ebout current surveys and this month, a suggested amovious models: a suspension bridge and a play house ore

Further information from the Wild-life Youth Service, Wallington, Surrey.

### For sports.

Skiors, campers and climbers who live in the West Midlands may olreedy know Tebbutt's equipment nhop. If not, they may be inter-ested in Topirol from Tebbutt's, a news sheet which explains in a charty style equipment for various sports, and gives information about safety and hoalth. It also includes orrasional items for humour or general Interest. Copias are availobla free, although contributions

towardo postoge would be appredi Tebbutt's, 35 Morket Place, Wodnes bury, West Midhuds

### Medical tapes

Three new videorapes for medical studento have been produced at the was from the with aspects of inferribity and have penniy. been pertly paid for by Merrel Pharmacourleado.

The three titles, Infertility, Amenorrhoea and Ovulotion Induc-Amenormoed and ovunotion mana-tion, take the form of discussions and interviews between members of the Liverpool University School of

CARLINGUE E CHIMAGE, ENGLIGE SE LE LE LE RESTERNATION DE LE CHIMAGE DE LE CHIMAGE DE LE COMPANION DE LE COMPAN

Continued from previous page be demonstrated using an arcthead projector. These include colour mixing, mathematical ond meter models, magnetic field and mag-

netic domain experiments.

Management Games Ltd, Beilford A new range of business games by MGL and other publishers will be on display. These will include, what is claimed to be Britain's first business gaioo played on a pro-grammoble calculator.

Merker Board Supplies Ltd,

New products from this company which will be on disploy will include a folding art essel, a light-weight portable ausgnotic merker board and a non-magnetic dri-wipe

National Committee for Andio-Visual Aide in Education, London This stand will be displaying free leaflets and catalogues explaining the earvices provided by the NCAVAE as well as reloted publications and their own anothly magszine, Visual Education. A new film, Over to You—Ueing the Oile will be shown. This is intended to encaurage people in toochiag and training who are unfamiliar with the overbeed projector.

SD Systems Lid, Slough, Berks This firm epecializes in moking portable display units for exhibitions, namong them the Ropin-Lix 100 of the William of the Signature of the Color of the Colo

Louis Newmark Ltd, Technomation together. division, Religate, Surrey The central theme of the Technania-tion stand will be the odvantage of Information on tronsperencies.
Technemstion will be showing their Basic Animation Kit which, they say, contains everything needed to ato OHP treasphrencies. They will also be showing their rendyfull lecture notes covering

cultural series. for social studies, programmes on Israell and Anab or programmes on Israell and Anab oxperiences in the Middle East, Arts of Pampoli, and material on the Brontee and Chaucar. There will also be 18mm films, especially on solence and mothemotics topics.

Professional Tope Marketing Associates Ltd, Rdgware, Middlesex This. compeny specializes in the manufacture of analo cassettee. Uniti recently they only sold to recording studies and industry caesette users, but are now making cossettee evallable to e wider market. Cassettee of "Super Ferric Oxide" tape can be bought in bulk, wound precisely to eny length, or complete with labels, inlay cards and library case. Research Recordings Ltd, London Research Recordings Itd, London Research Recordings Inres and sells wideo equipment. The compony has propored educational material in essociation with Tutor Tapes Ltd.

Research Recordings Ltd, London Research Recordings hires and sells video equipment. The compony has propored educational material in essociation with Tutor Pages Ltd, and exemples of these new video and exemples of these new video programmes will be on show.

Robien Visual Scrvices, Stonfordie-Hone, Essox.
This company will be official representatives at the exhibition for 3M Visual Products, Audio Visual Founders. Lumocolor AV pens are guipment and Nobo Visual Aids.

New products of display will include the new 3M Model 213 portable four golours. They are beet and fade projector, the AV5000 point and fibre tipped pens.

Executive, a dissolve will be spinkil and fibre tipped pens. Executive, a dissolve all de anomal presentation unit contained in an Stereoscopic Tolevisión Ltd. ottnehé case and 3M's new presente London On this stoud a new portable lon doveloped for the transportetion of guago laboratory using Philips overbead projection tronsportetion of ontin the portable longuage laboratory. The PS

lah uses the British and European recommended recording format of two-track tape. Among other items will be the AAC 4000 language trainer. This compact cassette re-corder can be used with Philips murses or as an ardinary recurder or with slide presentations.

the introductory computer course which has been prepared with International Computers Ltd, end the civil augineering end architecture courses which have been prepared in ossociation with the Cement and Concrete Association Concrete Association.

Unleol Engineering, Oxford out tools, simply by hooking together.

Since Electronics Ltil, Mohlstone, Keot
Among this company's lorge renge of micronhones, will be the new of interophones will be the new SM59, which has an exceptionally flat frequency response which, sayo the company, makes it especially suitable for orchestral and histru-

Unlieb, Bleckburn

mental applications.

Also on show will be the M615AS

Equalization Anslyser System and the SR107-2E Audio Equalizer, cir-

cultry, which, the saya compony, make it easier to find response



# Video or airwaves?

Christopher Griffin-Beale on whether educational programmes need to be broadcast

THD Manufacturing Ltd, Peace-haven, Sussex

Attention will he drawn to the new THD Halight 300 projector. It has a micro attachment which is inseeded for showing microfiche but can be used in science teaching to show prepared slides, even of live aquatic animals. The projector is sald to he useful also for displaying experiments, such as in test tubes.

Tutor Tope Co Ltd, London Among the new educational recordings which Tutor Tepe Co will be demonstrating are course for medicine, civil engineering, coomputers, selence and remedial reoding. Some of these hove been prepared in conjunction with there bedies, such as the introductory computer course which has been prepared with International Computers Ltd, end the civil angineering end architecture of the course for a projector is substantied further expansion, some experts here gone and remedial rendered was a project to copyright. Moreover, they can provide medicine, civil engineering, coomputers course which has been prepared with International Computers Ltd, end the civil angineering end architecture on the course for the course for medicine civil engineering and architecture which has been prepared with International Computers Ltd, end the civil angineering end architecture on the civil angineering end architecture of the course for expension, some experts here gone and there are a clearly in the course for dealers and the Learna and the Learna and the Learna and the contributed to Glosgow's down to the course for medicine civil engineering end architecture was a clearly in the course for dealers and the course for medicine civil engineering computers course for medicine civil engineering computers are course for medicine civil engineering computers are

expansion, some experts heve gone on to question whether educational programmes need ever he brond-ceet at oil? (Aod if they ere to be need on cassette they need not per-haps retain the shape of conven-tionel programmes, designed to communicate at one sitting.)

In existing output, the main question surrounds schools, and Open University programmes, but it could also affect those further education programmes intended for group viewing in institutions—and could influence any subsequent plons for en open school or college.

Clearly there are elternative methods of distribution, but the Laboratory equipment, especially for physics, will be shown on this stand. The Unilab Joulemeter enobles electrical energy to be read directly. Other items include estudent estillarsone and a page the student estillarsone and a page the student estillarsone and a page the student assistance.

meke it easier to find response treation. The eets cover human biology, the construction of integers in plone and epherical nitrors and the refraction of light and total internal reflection.

Smilts (Electrical Englacers). Three easier to find response treation of light and total internal reflection.

Smilts (Electrical Englacers). Three easier to find response treation solidoscope and e ronge of environmental units for measuring conductivity, light, plt, sound and temperature for field use. Three easier to find response treation for conductivity, light, plt, sound and temperature for field use. Three easier to find response treation for conductivity, light, plt, sound and temperature for field use. Three easier to find response treation for conductivity, light, plt, sound and temperature for field use. Three easier to find response treation for conductivity, light, plt, sound and temperature for field use. Three easier to find response treation for conductivity, light, plt, sound and temperature for field use. Three easier to find response treation scales as a round tent sollioscope and e ronge of environmental units for measure for microdictivity, light, plt, sound and temperature for field use. Three easier to find response to the case of conductivity, light, plt, sound and temperature for field use. Three easier to find temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for field use. Three easier from Fill three fields and temperature for meas

broakfast time TV,
When the restrictions on broadcasting hours were lifted, ITV
quickly established afternoon proquickly established afternoon pre-gramming end found it very lucra-tive. Schools programmee were compressed into the morning slot. If breskfost-time TV is established on a regular end commercially successful basis, eyea would then turn to the morning slots as fur-ther territory ripe for commercial development.

It was in this context that Fox wondered about cossette distribution by post. But other solutions for commercial expansion may offer themselves if, despite Annon, the fourth television channel becomes ITV2. It is inconceivable that ITV would want to schedule two com-peting entertainment programmee in the morning, or in the efternoon

for that matter.

And so, given 1TV-2, schonis progremmes should have little difficulty preserving come succe, probably more space, on one or other of the channels. And if e fourth chennal were to be established under some kind of Open Brood-casting Authority, as Annea pro-

Video cassertes clearly have e off-air, and its own television

fell; the new lerger authority of Strathelyde was unwilling to pay for a system that only covered a freetion of the region. But Plymouth—now part of Devon—fragmits to Plymouth schoole by cable and distributes cossettes to schools in the rost of Devon.

Prospects for ILEA's service were unhealthy, even before the present economic crisis. The quality of programmes felled to impress; and this response has survived gradual but ergnobly substantial improvements in the output. The service was established independently of, and prior to, the Medis Rosources Centre which has been assiduously producing and integrating leeping producing and integrating learning materials in all other media, except television. Now television has been integrated as port of the new Learning Meterlals Service. And television programmes, or video sequences, could, the logic continues, be included in the multi-

The Post Office charge for cable for economies everywhere, was foced with the need to invest in television in two directions. They vero urged to convert production and reception to colour, so that ILEA's programmes and the reception of notional programmes could compete with the technical quality many children new expect from their television at home.

And, in any cose, the first generation of monochronte reception sets.

tion of monochromo reception sets
—Installed os standard in all schools—were in urgent need of renlecement.

replecement.

In that context, ILEA made lift decision which, even allowing for an indemnity to the Post Offics, the osteblishment of a cassotta system end the hiring of colour studio equipment, should save the ILEA television's central budget eround £200,000 g year. But schools will not necessarily see this as a saving. The authority will provide them with an aerial free, but they will have to buy or rent (though on controlly negotieted, favourable terms) their television receivers end, if they choose videolaps equipment.

This will create fewer problem for secondary schoole than for pri-mary. Secondary schools all have some videotape equipment already and e medie resources officer who can organize recordings off-air or

Fewer primary schools have videotape machines, nor do they have a medie resources officer to help them. But if they do not equip themselves they will be unable is. use ILEA television materiol at the situation that naturally periods. casting Authority, as Annen proposed, there would egain be some spoce for schoole programmes.

The ILEA ennounced earlier this yeer thet after 1979 it would close its cable television nelwork, through which, it distributes IBC and ITV.

Continued on next page Continued on next page

Continued from previous page perly explored and is limited by the restriction of outlets to educational premises.

The capacity of the cable network

THE TIMES EDUCATIONAL SUPPLEMENT

no airwayes could match: over o an an waves comma match: over o thousand relays of programmes were made last year in response to individuel requests from schools.

Abhough the problems with autonal transmissions over the airwaves are different, ILEA's exomple has important implications not

has important implementants—not necessarily fuvourable for cassette distribution. Such illstribution is easier for on authority within e singla region; ILEA will presum-

bit one suppose, and the same test distribution would be much greater if cut in the first of the regional debates button would be much greater if cut in the first of the regional debates button would be much greater if cut in the first of the regional debates button would be much greater if cut in the first of the regional debates button would be much greater if cut in the first of the regional debates of the corp. In the first of the regional debates of the regional debates of the regional corp. In the first of the regional debates of the regional corp. In the regional debates of the regional corp. In the regional debates of the regional corp. In th

fag cough for concational institu-

omer futuro tochnological designments ell involve on min il mariante distribution

BBC raped programmes, adjoint programmes, notably stong programmes, notably stended for uso in recorded for uso in recorded once. All this anticipates recording, but it does not it.

critically the nejor sources of their language, culture and ideas is of torriling indictment of our current strongly of the nejor sources of their language, culture and ideas is of torriling indictment of our current strongly in indictment of our current strongly indiction. Indiction, indiction

redundant:
te may He with the use 10 educations, and cersone limited distribution but not with nation but of educational listed in 1974 and this year sees communication studies being examined es an A level subject for the first time.

Even where schools bave established the subject es an examinable one, there have been many major problems. Apart from the

singla region; ILEA will presumably use its existing messenger services and need not use the post. Morcover, its schools are generally better provided with technical focilities, and support, and with capitalists, and support, and with capitalists.

All those hours in front of the box!

Den Daugles on many other

deal reach of any centre).

Immediately, then, such moves might not seem viable. But what of the future? Thero is olready same spare capacity and BBC-2 in the dayline and a fourth channel, how are solutionistered, will increase the capacity that might be devoted to educational relays, but the Open University in particular is e relenties devourer of oir time.

There is an argument in favour of stabiling at least some Open University programmes on open chanaels, to allow the possibility of eavedropping. This plays a probable, but unresearched, function in publicing the university mudations can be limplemented. Thranglout the country—porticularly in comprehensive schools development—though it is less limportant in the case of schauls broanties. The mala arguments agoinst distinct the recorders mul postelle.

The main arguments agolust distribution by cassette remain proclied and financist. Proponents make argue that the roal cost of the consistent annual manual manual

this compelled to very tight Art outl-most common-film appreciation options are overlable as a non-exem enticct.

All these unclylides are being carried out by well meoning consistent to one's hone by phototo tacounts; suggestions and the carried out by media meoning consistent to one's hone by phototo tacounts; suggestions strange of finds and an attitude among their collegues that at best media studies. funds and an attitude among their colleagues that et best media studies le aoft option; at worst it is only aultable for the less eble. Some tal copying end packaging of made delivery.

There is the connection improvements in labely more complex presenting more complex presenting in the connection of the less eble. Some tall the connection is their converse that the connection is allowed to the study of the study of the study of film and television of the study of film end television of the study of film end television of the study of the study

and television "os subjects in their own right" must be urgently undertaken.

The arguments against modie studies in school: that they lack again, to transmit straight schools radio offers an instructive consists and playing back schools and playing back schools and playing back schools are to the state of the studies in school: that they lack academic respectability; that they are costly to run; that there is not yet a sufficient back of knowledge to regard them as a traditional fill that they are only useful "time occupiere" for the less able; reveal a frightening ignorance of the importance of the media in the lives of our children by teachers,

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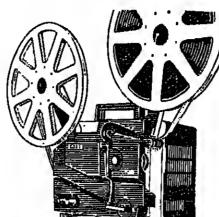
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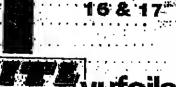
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company but for a training organization—the Distributive Industry Training Board. And this highly professioned call sign symbolizes its accomplishments in the use of video in training, and not least its possession of a branchew mirroscenario. session of a brand-new purpose-built video studio in Cheshire.

The DfTB exists to teach skills from buying end selling to monpower planning to the 1.6 million workers in shops, wholesale warehouses, offices end mell order nouses, offices end mell order houses ull over the country. Ir deals with 39,000 levy-paying employers and 109,000 establishments About 150 of its stoff of 400 nre field training officers, working away from the main office in Manchester.

the board-training, administro- grammes. from the information—und it is from the information divising (whose director is fferold Webb, a former BBC correspondent) that

First come on early continuent to visual aids. "When it sinrted," suys DITB video producer Iniu Tweedle, o former Duily Telegraph and BBC journalist, "the bourning to be tackled. It ulso had to persunde those who were unsympathetical to the supersurfer the supersurfer. dictic to the edynnieges of training as well as help those who never had

are sovings, 103, because it costs something like £70-£80 for a print of a 16nm film, and obout £20 for a video cassette copy ft's also much more economic from our film library point of view.

For a fow years the DITB used to hire the studio of the Road Transport Industry Training Board in London, and programmas ranged from odversible to last its own smoll studio in ronversed officss in the Manchester headquarters, but the quality, says Juln Tweedie, was not up to broadcast studied. up to broadenst standard, and the ont the main office in Manchester, programmes made there were used.

There ors three main divisions multily for internal DITB pra-

The new studio complex in Cheshire was afficially opened in March, though staff had moved in during the previous December. Its principal feoture was o 1,500 sq ft studio, with three Philips LDH 20 professional colour television professional colour television connerns and on RCA 2in PAL broadcast standard videotupe recorder, Pye offered e package denl for the equipment, and the whole complex cost £300,000.

journalist and chief information officer of the DITB, is in charge of the studin. He is helped by Information Tweedic, producer; a technicul manager; two sanior technicians;

Since their naw studio opened, the team has made o number of films for internal and external use. One set of six videotapes uses action replays to show how not to ntole a sale. (The ons f sow had a scruffy salesman tripping over a dustbin, forgetting who he's talk-ing to, fumbling over his demonstra-tions with a stupling machine, and making appailing jokes.)

They have also made a videotapo for school-learers which tokes them through the job interviews of two different girls—one brash and con-fident the other shy but knowledge-oblo. "It's not just on how to get a job; don't wear o leathor jacket and that sort of thing", says Iain Tweedic. "It's for children and their teachers and almed at widening their horizon so they know whot

their annual approisal interviews, and estandard videotupe recorder. Pye offered e package deal for the equipment, and the whote complex cost £300,000.

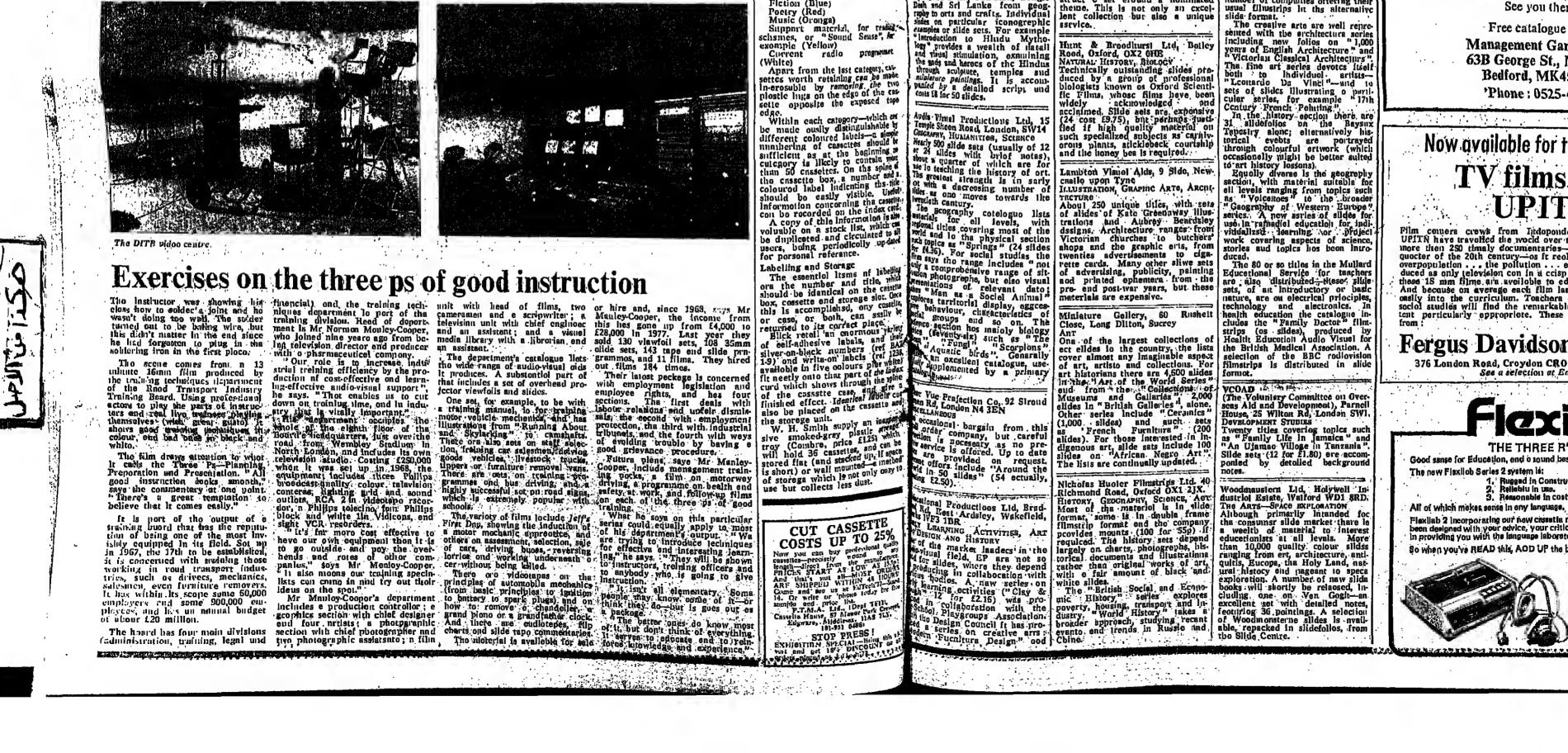
Mike Kernoham, former sgency journalist and chief information of the DITB, is in charge of the studin. He is helped by luluralist and chief information of the studin. He is helped by luluralist ending producer; a technicular reversity of the producer; a technicular spence on video speciation, tslavision techniques and video workshop.

The studio is olso for interval use, including one exploiting the DITB's grains strategy. The studio is olso figgs.

"But I think the time will come when we will say: 'Gosh I Do you meen to say every firm didn't have their own video-consette recorder?' Like the electric tynewriter today, it will be looked upon as just another tool."

on how munagers should conduct their annual approisal interviews, and videotance for interviews.

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with the Historical Association some history titles, for example "Abolition of the Slave Trade".

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tically every other orchestrel instrument—including the bagpipes.

ment—Including the bagplos.

One of the most interesting films of corly instruments is The Dolomotsch Story which is estillable either es a complete film of 62 minutes (CTP/E) or es three aborter films of believen 16 and 20 minutes duration (NAV/D). Medio in 1972, the films show demonstrations on recordors, fortepiaco, viols and hirpsichord, together with soquances shot in the Dolmetsch workshops et Haslemerc,

Schwerz of The Princeton and Burkers of the Company of the Company

# Film of the music

by Colin Evans

The hardware of electronic music is introduced by Tristram Cary in An Introduction to Electronic Music (UNI/D), but the film requires a nnil basic knowledge of music and JAZZ, FOLK AND ETHING MUSIC ilie nature of sound.

orchestra is visually more attrac-tive, and uses a studio group con-ducted by John Dankworth, who olse wrote the ingenious music. The film cuvers not only the regular members of the symphony orchestra, but also hie more recent actions the vibraphone and buss guitar (UNI/D).

available, rouging from oposo to the blues, and from avant gurde music to the renalisance. Sound films can be prohibitively expensive; but all the films shown here can be

of Ravel's work by the Los Angoles
Philharmonic omducted by Zubin
Mehtn. Rather more old-fashloned
is The Orchesirn (NAV/C) which features the National Youth Orchestro of Great Britain rehearsing Dvorak's Carnivol Overture.

The life and times of George THE ORCHESTRA

It is still possible to obtain that classic educational film fustruments of the Orchestra, made in 1946 and featuring Sir Marlcolm Sargent conflucting Britten's variations which later become known as the Young Person's Guide to the Orchestra. Although It obviously looks very duted, there are some exciting minutents (CPL/B). The Open University's film, Instruments of the Orchestra is visually more attractions.

The Contemporary Films catalogue lists a number of films on jazz of special interest to teachers.

Til the Butcher Cuts Him Down, (CTP/E) a film by Phillp Spalding, is a tribute to Punch Miller. It is not simply a factual document, is concerned with the emotions and determination that cooke a jazz musician. Chicngo Blues (CTP/E) is a British film mode in 1970 which shows how the tough urban blues of today developed out of the original southern surni blues and how the harsh tealities of city life have should the music. Another film that stresses the background of jozz is at Manufacian.

Buth individual inusicians and sections of the orchestra are seen in Bolero (NAV/C), an American film which includes a petformance of Ravel's work by the Los Angeles

Jazz on o Sunnoror's Day (CTP/E) is a full-length feoture film, filmed at Newport and the first and best of all the jozz festival films. It shows Louis Armstrong, Gerry Mulligan, Jack Teagarden and meny

musical. Instruments

The best known, but not necessarily the best films are in the "we Music" series, in which instrumentallets perform and outline the development of the films with a structure of the development of the films with the post of the films with the post of the films with the post of the films with the films with the best films are in the "we Music "series, in which instrumentallets perform and outline the development of the film of the film of the film thanks with the films with the film of the films with the film of the film The Caribbeon music festival in

porce ond tuned.

The music of the Beetles minglos with that of Johann Strauss of
in Music, from Pop to Concert of
Stage (EMI/D) which trias to
bridge the gop between pop and
classical music, emphosizing that
the young people's nusic of today
could become the concert music of
tomorrow.



graphed film which shows both the important instruments of Japanese music, and the subtle reasoning that anderlies all Japanese classical

### OPERA AND BALLET

OPERA AND BALLET

Opera films beve their limitations in the classroom, and by virtue of their length tend to be expensive. The best full-length ones are available from Couremporary Films and include Eugene Onogin (CTP/E), Fidelia (CTP/D), The Tsar's Bride (CTP/D) and I Pogliocci (CTP/D). The latter was filmsed on location by the Calabrian thilds of Iraly, and all the opera films listed have English sub-titles. Porticularly useful ere the opera and ballet excerpts, all of which have English sub-titles where uccessary. where accessary.

where accessary.

They include Prince Igor (CTP/B), Toras Bulla (CTP/B), and Queen of Spodes (CTP/A). The ballet excerpts ovallable ere Gogenoli (CTP/A), ond Romeo mul Juliet (CTP/A). The Mertha Graham ballet can be seen in Copland's Appoinchian Spring (CTP/D) and the more recent Night Juurney (CTP/D), both of which are the only two films in which Martha Graham herself appears. Dances from the Nuterneker (GSV/D) is ouseful short film of ten minutes which feetures Belinda Wright and Jelko Yureshu.

For specialist use film closeler.

For specialist use, film clossics like Alexander Nevsky (CTP/E) and Ivan the Terrible (CTP/E), both of which use music specially composed by Prokaflov, are avoidable from Contemporery Films, and that other Prokaflev fovourita Peter and the Wolf (DIS/D) is available in a delightful cortoon version from Disney, norrated by Sterling

# Animated kidstuff

by Graham Wade

Dinostories is the title of an large-tive onimated film made cedle this year by n group of ball-adom central Linulon junior show children in their own time. The seven-minure long colour file with its own soundtrack, separately recorded on cossette tops recorded on cossette tape nu produced in three months sing pramises and relatively single from Action Space (16 fleely Street, London, WC1), a comment are resource course. arts resource centre.

The film has no firm story bes and no formal script; it dereloss out of many ideas raised by the group ond amounts to a sees of group ond amounts to a sens of fragmentary scenes woven together round the theme of early entities. There are impressive views if yolcanoes erupting fire and impressive views if hune flying birds, brancatom and tyrannosauruses, of the code of the ice oge, end at the east of cavemen bunting extremely key mammoths. mammoths.

The whole exercise, whose find product bears the marks of childre having been deeply and childre involved, was made possible by the entiusinsm of an American & George Isherwood.

Mr Isherwood became interest in film-making several years an when, as a bored young made of Lutin in Philadelphia, he there over the regular timetable to but a movie about Julius Ceesar.

Soon efterwards lie came to Britain and worked at a Hollow ndventura ployground as rell a projecting falms at the Ohe Cinema. Leter he attended a signonth film course at the London Collogo of Prioting.

·Someone Mr Isherwood met at Someone Mr Isherwood met at Action' Space suggested he sin a workshop in animation there and, after six months' preparation, the project became a resilty with a till great from the Greater Landon Au Association. Mr Isherwood begathe course by inviting clome in friends who were clowns. The clowns assumed passive roles so the the children could manipulate this looks into different position. ioints into dilicrent position milenna about the principles of the imprement. which play a large part in any enterior process.

Sonn the group started mains Plostdeino models of onlines sell humons which were experimental with, building un complete action by a sequence of entall changes in postellar.

ment—including the baggloes.

Com of the most interesting films for the class of instruments is the Doblet instruments is the Doblet in the carried films of instruments is used in East, fortesplace, voltaking the control of the Competer films of between 16 and 20 minutes (CTP/FS) or es cliffer person with significant person of the competer films of between 16 and 20 minutes (CTP/FS) or es cliffer person with significant person of the competer films of between 16 and 20 minutes (CTP/FS) or es cliffer person with significant person of the competer films of between 16 and 20 minutes (CTP/FS) or es cliffer person with significant person of the competence o

# Concerning parenthood

by Mike Walling

The folder comains a course

The folder contains a course bandbook, colour slides, work cards, overhead transparencies and transparencies and transparencies and transparencies. It is intended as a support for the teacher, providing ideas which should start class discussion, incressing the student's knowledge of parenthood through self-awaroness.

The Pleasures and Problems of Just Carter, Hilary Holder, Ian Townsend Farley Health Products Ltd. Torr I Lane, Plymouth, Devon PL3 5UA 12.00 plus VAT.

The Pleasures and Problems of Familion of Just Pleasures and Problems of Familion is of the sensitive and problems of Familion is of the sensitive and problems of Familion is of the sensitive and of Problems of Strong initiol exercise fur a lournhy yes mixed ability class.

The Pleasures and Problems of Familion is of Familion in his in the course. Many of these are attractive and omasing—The Pleasures and Problems of Policius of Policius of Volerantly discuss of mean? ": a strong initiol exercise fur a lournhy yes mixed ability class.

The Pleasures and Problems of Familion is "What does the phrose does try very hard not to take itself too seriously. The course brook empliances that it would be understood and a billipy over the leacher to be dogmatic over eibical questions and clearly superfluous. There is little point in having useful, straightforward infarmation such as the marriage of familles, and open-ended questions about parenthood and a child's training the seven units in the course. Many of these are attractive and omasing—The Pleasures and Problems of Problems of two sures ond Problems of two sures in would be uncourse. Many of these are attractive and omasing—The Pleasures and Problems of Problems of Problems of two sures ond Problems of Probl

**27** Resources

relationship with his family in this form. It would be better conveyed in e book or on a work card. The work cards are sensible

enough and the package also contains some very useful child dovelopment summaries, prasented in both simple and detailed forms. Thera are more than 100 colour

It is vell planned and much research las gone into ir, but 100 often the languago used is inappropriate. Much of it is fur too

appropriate. Much of it is fur too complex for an ordinary mixed-ability class and concessions to contemporary speech ara inoccurate. Children simply do not suggest that their parents are not "with it". Similarly, the course hook is filled with jargon—"ongoing positive contributions to the relationship," conflict situations," relationship, conflict situations," relationship-roles, etc. It is also irritating to see so many exclamation marks, hrawing our attention witty "remorks.

I am afraid that few schools will wish to pay so much money for

wish to pay so much money for what remains an hoffactive, though

# Piping down the valleys wild.

by Colin Evans

Cul and Dry Doily
Topic 12TS278 (£2.75)
Feix Doian — The Last of the

clearly how the repeat patterns work, the musical text would enable the student to study she construction of the tunes.

One of the greatest exponents of tha Uilleonn pipes was Felix Doran who died in 1972, but whose work has been preserved on Topic's The Last of the Truvelling Pipers. This is a spleudid racord and an important historical document. Doran was a player with an inbuilt sense of rhythm and musical axprassion, heard to its best perhaps in the hounting tune, "Mary of Murroe".

The danca tunea are intensely exciting and rhythmic, but perhaps Doran's playing of the slow aira is commentation expressively with wailing glissandi botween the work of Scots piper John otes, sometimes adding a touch of hermony at the ends of the phrases.

The work of Scots piper John burgess is well known house of the figlioud Bngpipe. Volume 1, includes a wide ranga of materiel which he performs with consideration marches, slow airs, known in house and marches, slow airs, known in house of colour plates and is available in a beskill. The record contains some marches, slow airs, known in house work in the colour plates and is available from paraches, slow airs, known and an americal marches and marches, slow airs, known and an americal marches, slow airs, known and an americal marches and marches, slow airs, known and an important in the cacher ond attudent to accompany with an inbulit sense of the cacher ond attudent to accompany with a single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there is such a would be involous to single out perilcular tracks, as there

### Energy and lasers

by Frank Anstis

Advanced Physics
The Forces of Nature. The Hydrogen Alom Energy Levels. The
Sodium Atom, its spectrum and
quantum numbers. An Introduction
to Lasers, Gas Lasers. Solid State

to Lancis.
Losers.
Losers.
12 slides each set, £2.60.
The Rickitt Encyclopedia of Slides,
143 Chatham Road, London SWtt.

additional work and extensive lists of further resources.

The course starts by encouraging this students to consider the feelings between themselves and their name families and their takes them back to the behaviour of a new-born baby. Unit Two looks at the effects of the change from primary to secondary school and makes a brave oftempt to get the students to put themselves in the position of their parents. Units Three and Four examine the relationships between the live-year-old child and his porents and the dovelopment of the nursery child, stressing the importance of play.

After a atudy of the new-born baby in Unit Five, Units 5ix and Seven offer time for reflection, revaluation and a look to the future where the students should discuss their own expectations of marriage and parenthood.

This is a straightforward course, it is a vell planned and much research has gone into it, but 100 often the language used is in-

of lecture notes.

Forces of Nature contains background illustration for a simple introductory lecture on the selarive importance and magnitude of grevitational, electro-magnotic and nuclest forces in the formation and evolution of the observable universe. The slides introduce the concept of exchange particles for forces and end with a reference to the sesseth for a unified field theory. The necompanying notes inndvertently misrepresents Newton's Line of Universal Gravitation.

The Hydrogen Atom Energy Levels and The Sodium Atom, its spectrum and quantum numbers

spectrum and the Sodium Atom, is spectrum and quantum numbers contain mother useful collection of material which will be especially approciated at sixth-form level. Notes and sildes togather first introduce the notion of a simple Bohr, nodel for the atom but demonstrate the accessity for a quontum interpretation to extreme quontum interpratation to overcome ils inodequacies.

The aimplicity of the hydrogen

The adoptions of the hydrogen model, described in terms of its principal quantum number, is given convincing support by reference to the equal simplicity observed in the hydrogen spectrum in bond the visible and the invisible regions. The sodium come is more complex but its underlying simplicity is olso revealed in its spectrum.

The significance of the doubling is olso revealed in its spectrum.

The significance of the doubling is olso revealed in its spectrum.

The significance of the doubling is olso revealed in its spectrum.

The significance of the doubling is olso revealed in its spectrum.

The significance of the doubling is all described by which that a can be cross reference between model and actual spectre.

The other three sets of sildes, in desiling with both the theore of lasers, provide a useful grounding in a field of physics rither is becoming increasingly important in its precticel epplicatione.

The notes accompanying the sildes in this edváncad serves are of sildes, in this edváncad serves are of crete os a craft subject are offored by two one-week courses ennounced by the claim of the limitividual sildes thin the sildes are noted to the individual sildes thin the dample leacher's norse in the contract of the individual sildes thin the dample leacher's norse in the course provide a serves are of crete os a craft subject are offored by two one-week courses ennounced by the Cement end Coucrete Association of the individual sildes thin the dample leacher's norse thelpful eddition to these notes, es they not

### From Venice

Pictures from 18th Century Venice", the National Gallery's first touring exhibition of paintings has returned to London and is on show and August 29 in the Board Room of the Gallery.

Liver's of Venice should take careful uote of the preposition from". There are, of course, a few Conalettos and Gaardis, but this small exhibition is mainly given over to other preoccupations of the Venctions of this period: their past, luxury, religion, flictations. The catalogue is well written by

The chalogue is well written by lionan Potterion, assistant keeper of the gallery, and puts the exhibition in the context of the eighteenth century, one of Venico's gayest und saddest times.

The success of the oxhibition has encouroged the gallery's trustees to plon similar annual toming exhibit.

plon similar annual toluring exhibi-tions. The next in the series will be "Dutch Genro Painting", a dis-play of 25 Notional Gullery seventecnih century Dutch pictures. It will tour four, yet-tu-be-numcd, regional gallerioe from Junuary to June 1978.



A picture by Tolbo

Williant Henry Fox Talbot, new recognized os the father of modern photogrophy, thed 100 years ago. Space Frontiers Ltd are celebrating the centenary of his death by publishing a set of sililes selected and onnotated by H. J. P. Arnold, Fox Telbot's biogropher.

Fox Telbot was n "major selected and onnotated by H. J. P. Arnold, Fox Telbot's biogropher.

Some may

## **Examinations** or life?

### L Bruce Lockhart

For thouseous of families August is a great strain. As the publica-tion of O and A-level results drow near, the caudidatee lay cloborato class degrees can be more efficient plons to soo the results before their and effective than their colleagues parents, sneaking downstairs for a with firsts, and those without first look at the post-when they degrees can be better then either. are normally fost eslean. They of course the ocodemic excellence have already prepared the ground ossociated with firsts is invaluable for possible disoppolotment with in the right jub but too often such every kind of gamesmanohip and in- people bolieve their success has

For be it from me to knock the hove no more to learn. exoms; scimolniasters are bound to bo on the side of successful academlcs. Examinations sort out acodeusic standards reasonably effi-

street corners well in advance of the examinations.)

In the Oxford and Cambridge Boord's marking of nearly 100,000 sepints from the constitution of the constitution

success and the ability to lead a lappy end rewarding life is slender. When my expupils return to visit their chirtles, it is not the brilliant A-lovel man who arrives in a chauffeur driven Rolie.

Our successful graduates ore indeed doing useful jobs. They have key positions in industry, medicine and engineering; they ore

sametimes receive lettera from the managers of large firms osklug them to send their best prefect type boys with only avorage 0 and A levels

before or in preference to going to university. They rightly believe that many personalities flourish better if they are not moved, withom involvement and responsibility from me ivory tower to onother at the most energetic stage of their youth. The university years, of incolon-

lable benefit to some gonulue acudemics, can be a paeltive danger m others. Men ond women with third finished their education and they

society. But these johs call for

sacrifices; their rewards are not often financial. The government

which appeals for more gond recently in industrial management reduces the rewards and lucreases the difficulties year by year.

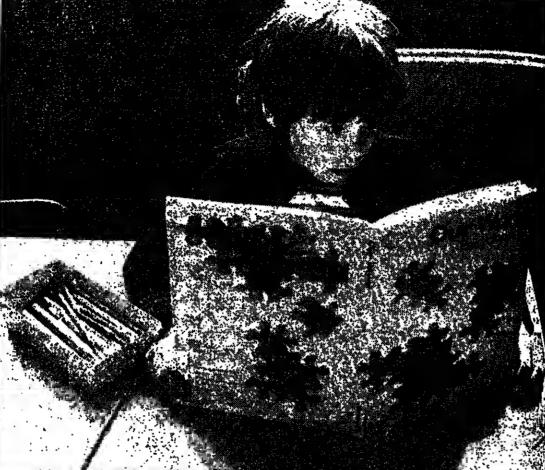
It is not a bad thing that the

unacademic should have the napor-

tunity for no less rewarding and successful coreers. Headmastero

So they gire no time to learning the way of the world, and foil to understand the difficulties and praoccupations of ordinory mortals. ciently. Compored with other comirles we have a just and incorrupt requires imagination, sympathy, system. (Not long ago French stu-trastivorthinoss, charm, considerodants were flogging the queetion find and findgment, rather than academic abillity, and it flourishes on skills not ocquired in the classroom.

So cheer up, parents. That poor exam requit can be the motivation for a lifetime's success. Even in days of unemployment, plenty of employers prefor a shokily qualified on bluelist with common senso unil ambition, who will learn to do e job well, to a highly qualified knownall with his head in the clouds.



Thera is one infaut echool I hove-

reading

Stephanie Ward

A greet deal has been written in the family to read cloud.

The librory in this school has been mode o privilege but once in the family to read cloud.

The librory in this school has been mode o privilege but once in the family to read constant the family to read cloud.

The librory in this school has been mode o privilege but once in the family to read constant the permitted only in the family to read cloud.

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The librory in this school has the family to read cloud.

The librory in this school has the family to read cloud.

The librory in this school has the family the constant one book onywoy, and they centre in the family the feat of manney thay are nwarded a gold star (10 of these ond thay get or chorts in the hall, in inspire the weaker brothron to grooler efforts.

At eaother who the original one was cloud. For which feat of manney thay are nwarded a gold star (10 of these ond thay get or chorts in the hall, in inspire the weaker brothron to grooler efforts.

At eaother school in uncoordered the manney thay are nwarded a gold star (10 of these ond thay get or chorts in the hall, in inspire the weaker brothron to grooler efforts.

At eaother school in uncoordered the manney thay are nwarded a

tant to tidy her sholf.

After negotiations between the child's teacher end the teacher in clierge of the library, normal borrowing rights were recumed, with this proviae from the library older "When Amenda comes late my clase she tidies a shalf or goee without the books." The child was not just plein obstinate, but frightened of the library teacher, which was the reason for her reluctance to holp in the first place.

Another teacher did not want a

Another teecher did not want Another teecher did not want o book corner is her classroom because the children would slouch obout on the floor and make the books unidy.

On the positiva aide, one of the adventages of schools built in the post 10 years is that they almost force books into the classroom

(these deys there is not enough money for school libraries, even if these ore desirable), in most cases providing smell quiet orest where it is a pleosure to alt and read. Per-

boy with a reading ega of skit bo gluod to R. J. Unstead In Second World War, but he had wint overy page was about and su ublo to gain the information is manual. wanteil.

Mnybo If we loft the rasding the end comprehension cards in the drewer for a few days, and content tretoil on sharing the pleasure if reading with the children, reading in school might become more the vent for everyons. Perhaps as should check that the books are accessible to ever the smallest differences in the content of the content

# Red brick among the rice fields

### C. A. Milward visits an English shool in a remote Nepalese Mage

Blg miles North Eest of Kuthenandu, the turesque cepital of Nepal and the ultimato toal of many an cast-bound travellar, a giont statue of the Hindu god Vishmu liss on e bed of snakes, so it has lish for hundreds of years. Conscientione British tourists may just squeeze in a trip to the psacsful little villags Budhoullkantha, tucked close to the Himelayan foothille, to visit Vishnu in hi

But few of them would rsolize that jus I few hundred yarde away there is e school gowing up, supported by British aid, whose blediveo ara strictly directed to the twen fieth century and bayond.

Pleas for Budhanilkantha School were gram up in 1966 by the Ministry of Overiess Development, in consultation with the Government of Napal (in which the king plays the leading role). Four years later e few holes in the ground were the only majerial sign of progress. Once bureaucretic majerial sign of progress. Once our eautrent difficulties were resolved things moved fast, and tha first 80 nine-yeer-old boys arrived, Iresh from the hillo ond no doubt e little bewildered, In May 1973.

The school is entirely for boarders; there has been intakes of 70-80 boys each year, and he finel age range of the oeven-year wheel will be nino-16. (Students go to the national university, Tribhuvan, eged obout is lor a seven-year course, which must include one year working for the National Development Service, an organization which coordinates community work.)

The principal, Peter Wokoman, orrived in Mepel lata in 1971, and hos guided the powh of the school eines then. With a beignound of prep-school teoching and ribing Gurkhes, during which he learnt the Nepall longuage, he seems well suited to the task, "We set out from the boginning to sveld simply plonking o foreign school has the country", he says. "This just leeds to cultural allenation. We are part of the er educational system of Napol."

New ideas can make rapid progress in Mapal, the kingdom being the enrithesis of an anieldy bureaucracy. A few years ego a an was published, to come late force hi one week, that all motor-cyclista should wear trash-helmers; this was quickly repealed then it was discovered that there was not tangle helmst for sale in Kathmandu.

tangle helmst for sale in Kathmandu.

A school like Budhanilkanthn, established in a developing country with the help of considerable overceas aid, can assily become a machine for perpetuating en elite. This was realized early on, and Peter Wakeman belecing the annual intake.

Each year free places are offered to 25 mg/s administrative districts in Nepel, so the place are offered to 25 mg/s administrative districts in Nepel, so the place of the country; the remaining achieves of the country; the remaining archibelog allotted three or four. This is entired the place of positive discrimination, in primary children of the establishment go

total strangers miles from their villages, and only nine years old. Every newcomer lo paired up with a boy from the year shead-his "sathi". Before the new term begins, each eathl (i e every first-year boy) embreiders a special setchel for his protega; the Government, including Napeli. English

There is a coro curriculum leid down by the Government, including Napeli, English language, mothemotics, science, social studied and Physical Education. Methematics and science are tought cloing feirly traditional lines; though both heads of department are expetriates from Britain, there is a local flavour to the science. Social studies covered the history and gaography of the world.

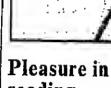
In eddition, schools in Nopal are required to spand 20 per cent of their time on vocational treining. At Budhanilkanthe gardening, sewing, cookery, wood and bamboo work are already well established; for the other boyo courses in electrical wiring and forming will be starting this year, subject to ministerial epproval and teacher evallability.

Nopel is a country at the crossroads of the

twentieth contury. The advanced socialism of China and centuries of Indian cultures are at opposite bordera; the carefree joy of the people springs from hard work and their religious; well-shod European climbers walk the same foothills as bare-footed peasants.

In a world where the political implications of foreign aid are increasingly significant, Nepal seems a wonderfully innocent lond. The burser, with a bockground of tee-pleoting in Assam and farming in Suffolk, had us doubts about the school's role: "Developing countries want to be like the west t we can help them to schieve this."

The Nepsless, said the principal, have no chip in their shoulder about celonialism, nover having been colonized: they do not expect eld as a right, but accept it as a bonus. Budhen-iskantha school could be providing the kind of non-political bonus to Nopel which her world. Nopel is a country at the crossroads of the



Bruce Lockhurt is headmaster of resham's School, Norfolk.

occusional words ad influitum, and no one in their right mind would question that. But it seems

almost criminal that for many children sheer proficiency et recognizing words in print is set fdrward as the main reading goal, and to this and some teachers set ebout craoting an obsteclo course of patty rules and regulations designed to put childron off books for life.

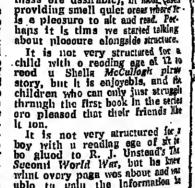
heard of where children are not ollowed to borrow books from the Abrery until they can read. Admit-fedly there are close readers, Janet ond John I think, but until you hevo mostered thom there ie none of the joy of browsing through

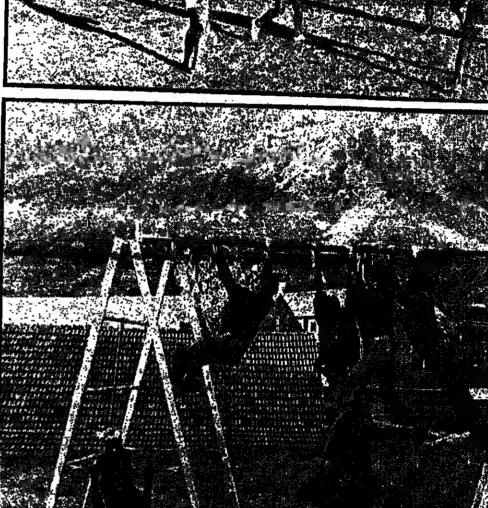
Mnybo If we loft the resding tes

should check that the books at accessible to even the smellest the dren, that they are in good cooks then, that there are shough quid corners to hide energy with a book lu; and then iot the children is about the books wilch they have enjoyed and found useful. There was one nice-year old by, not a very good rooder, who was a couple of times to read to e grap of five-year-olds. "I like it there be add. "You feel needed." It

im it was e real pleasure.

Stephunie Ward is dopute head the Cherry Tree Primary School, Wat.





# Finding out about immigrants

1554

about immigrants

Bright Travis is now were a proposed by the first paying the working and after school, and after school and after school, and after school after after school and after secepting them as fallow chisans, and the second of the establishment of the management team to which the second is they will look, perfectled by the establishment of the paired up with e boy from the year abadity to some aspects of the religion poor families and ueder of some aspects of the stink might beye from poor families and ueder of some aspects of the stink might beye from poor families and ueder of some aspects of the stink might beye from poor families and ueder of some aspects of the stink might beye from poor families and ueder of some aspects of the stink might be groups. In Derby, and my first poor of the cortablishment of the cortablishment is present.

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# The works of Shakespeare on tape cassette, featuring leading British actors

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LIVERPOOL

Cityof Manchester Education Committee

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SCALE 1

ST. JOHN PLESSINGTON HIGH SCHOOL. Manchesial Toaches for RELIGIOUS EOUCA-IOII. A pari-lime leacher (morn-les only) is required for Septem-ies, or as Econ as possible thera-

Toucher for Malicious Ecuca-Tok, one term only, from Septem-sor to 31 December 1917, to work foll-limp. The Society of this Poor will be determined according to applicants' queltications and experi-

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ST. THOMAS AQUINAS R.C. HIGH

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Plooce epply by letter to the Arting Headinishess giving full curticulum vitae and nomes of the tolerace.

This is a temperary (2 year) appointment in the litel instance.

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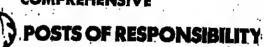
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\* Applicants for appointment to County and Volunlary Controlled Schools (except reserved teachers) effective from 1 September, 1877, and later, should note the Education Committee's proposal to leaus to Assistant Teachers on Burnham Soate 1, contracts to the service of the County Council with essignment inflicity to the school indicated. This will mean that teachers so eppointed may be required to transfer to other echools at a later date.

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HORLEY, COURT LODGE COMPREHENSIVE MATHEMATICS teacher required to teach subject throughout the school, including Sixth Form. Scale 2 post for sullable applicant. Telephone—Area Education Officer, Relgate (Redhii 88441).

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oher required. ART and CRAFT teacher required, SCIENCE teacher required.
For details of the shove four poets—Telephone: Area Education Officer, Relgalo (Redhill 66441).

(The Authority will not be advertising every individual Scale 1 post but a complete list of vacancies will be sent upon receipt by the County Education Officer of a stemped, addressed, fociacap envelope. The next edition of this vacancy list will be published efter the commencement of the Autumn Term in early September.)

Application forms available on receipt of e stamped, addressed, foolscap envelope from the County Education Officer, County Hall, Kingsion upon Thamea, KT1 2DJ.

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For September, TEACHER (Scale 1) of FRENCH, Opportunities include work to C.S.E. and C. and

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Other Posts on Scale 2 and above

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By Subject Classification

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Geography

History

Mathematics

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LO 1894 TECHNICAL DIAW-Apply to Principal (I'. D. K. Lowis) giving qualifications, sup-porting documents and suferences.

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Modern Languages BRRKSHIRE Two Qualified Numery/Infant TE. Critists required for the comment of the Autumn Term in So Irenber. One pest full-line, is other part-line, is

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Apply, in writing, to the Hen-nagior, Illega Chilega, Cukto tall ye, pasing sloke, Kampahin

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Science

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Required for January, 1978
A GHAOLATE IS teach CHEVISTRY
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Applicants will be inderviewed in the alloye andress off standay, August 29, connecting of their Phase contact Pattern Vicin, 01-722, 722 or Protessor Barone, 91-355, (197-12) patterns.

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ford, MK42 PAH, to be returned not leter than 2nd Sectember 1977. -DONCASTER DONCASTER METROPOLITAN
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Community Service BIRMINGHAM Two YOUTH and CRAMINITY WIRKERS needed to work with a Community Thoore Co. based in

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Universiteit van Amsterdam The Faculty of Arts invites applications for

the post of (assistant) lecturer (m/f) in Anglo-American studies

at the Department of English Language and Literature, tenable as soon as possible.

Preference will be given to condidates with a degree in English lenguege end some experience in sociolinguistics. The completion of all university course work (i.e. A.B.D.) is a requirement for this post, while previous experience in teaching eod research will be an advantage.

Long-term residence in the United States will also be considered an advantage.

The duties of this post will consist of:

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with particular reference to the English-speaking world.
The enudidete must also be prepared to conduct research which will lead to the completion of a Ph.d. thesis and/or

In addition, the post requires ective participetion in the running of the depertment.

Rank and salary will be decided upon in accordence with the existing University scale for lecturers.

Applications, accompanied by a curriculum vitae, references and list of publications should be directed within three weeks to the Engels Seminarium, Spuistrant 270, Amsterdam, The Netherlands, quoting number 2356

with attention to the Cheirmen of the Appointments Committee, Dr. W. J. Meijs, who will be glad to supply any further informinion about this post that may be required. (Tel. 020 - 525 3819 or 525 3830).

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An NAYC experimental project — working with young girls "at risk" in Inner City and in New Town shopping areas—has been grant ulded by the DES for 3 years. The Project will be based in Bir-DES for 3 yarrs. The Project will be based in Birmingham and Bretinn New Thwn, Peterborough, ond
will amploy o full-time worker and a team of porttime workers in each area. NAYC is incking for the
two full-time workers, one to be based in an existing
agency in Dirmingham and one in a developing project in Bretton. The workers will be using detached
work methods to reach and relate to edulescent girls
aged about 13 to 16 who make regular use of street
and leisure amenities and are thought to be "ot
risk".

Salary is negotiable around £3,500. Further details and application forms are syalishle from Janet Hant, National Association of Youth Clubs, P.O. Box 1, Blackburn House, Dond Gate, Nuncaton CV11 4DB.
Closing date for opplications September 17, 1977.

# County of Cleveland

**EDUCATION DEPARTMENT** 

### **Full Time** Youth Tutor

Dyke House Youth Centre, Hartlepool.

The successful candidate will be responsible for running an established purpose built, school based Centra noer the centre of lown.

The Centre is part of a comprehensive school ollering a wide variety of soademic and community based

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### LONDON BOROUGH OF HOUNSLOW 4 COMMUNITY **EDUCATION TUTORS**

required as abon as possible at Cranford Community School (1)

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as Assistant Community Warden (Youth)

Applications are tayled from qualified youth leaders or leachers to develop a comprehensive youth programme at this perpose-built Community School. The person appointed will form part of an an interesting educational development. First appointments are wildown to apply.

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Application must be resilied beauting with the person of the part of the person o

Applicants must be qualified leachers with exparience in sidult aducation. The post involves responsibility for on adult education control control in the post involves responsibility for on adult education control control in a small comprehensive school.

Youth Centres (2)

38 Leaders

Applications are invited from qualified youth leaders for two posts as lookers of extendished perposo-huit youth centres in the Serough of Hoanslow. The percess appointed will have interesting and obstanting roles is a seconity formed Commanity Education Opperiment, and will have the appoint of Enter Youth Leaders and Community Education Tutors in the sres. Surcham F.S. Leoliters 1, 23,210-25,166 (Inclusive c) supplements and London Alloyagoo].

Application forms and further internalion from J. F. Molist, S.A., Principal of Community Education, Spring Orova Cantre, Thermbury Roud, Jeleworth, Middinger, Twy 4HG. (Telephone 01-858 3667).

Closing date for applications 1 31st Asgast, 1977.

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# FULL TIME **ASSISTANT** YOUTH WORKER

ROWLINSON YOUTH WING

Applications ore invited from suitably quelified persoos. In-service training and supervision to enable the porson appointed to develop a full range of youth work

Salary Scale: J.N.C. Quelified Scale (£2.442 to £3,204 + £312 and £132 per ennum supplements),

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We are looking for remains with opportunite, as well as utalifications to irrefor the venils water users of the Londry, in the joint community. The perron onvolaird will need initiality, drive and inequalion revoled with a caring, sensitive personality, There will be plenty of scope for a ow upon outless and development.

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(£3,210-£0,1881, Other conditions of service J.N.C. Assistance may be given with removal expanses. Opialis and application forms, re-turnable by 2nd Asplomber, 11/77, from Director of Education Ser-vices, Morcury I loune, Romford RV11 3DR 1ml. G.B.T.

> LANCASHIRE EQUICATION COMMITTEE

BTAII VOUTH CLIPS Tulkolli Creoreni, Ashion, Presion Colober. 1, 1977 J.N.COUTH LEADER 11.81, 25, 903 to 24,389 p.a.

8.A.E. for neglication forms. Outlier details from and returnable to the Olstein Lilication Officer. P.O. Box 83. 83-69 Guidhall Street, Presion Ph. 348. 1977. Closing date: August 51.

LANCASHIRE SKELMBNBOALO DEVELOPMENT CONPONATION RECREATION ASSISTANT \$3.395-\$3.773 (inclusive of £473-\$401 p.n. supplement)

If you are ship to coach in bad-minion, agush, irampoline and other activities, and have caperi-once in organising remperitions and courses, his could be the annor-timity you have been tooking for in Recreation. Monogement.

Vou can obigin an application form from the Personnel Manager. Bkeimersdile Development Corpora-tion. High Street, Skelmersdile. to be returned by Mondey, Septembr 3, 1977. The starting solary may be above the minimum depending upon an opportune. Other benefits include suppersummation. The first appropriate the starting of the st

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LIVERPOOL LEE JONES, YOUTH CLUB Fall-lime LAADIR for mixed Youth Club Excellent modern premises. J.N.C. EDNIG. Applications: Hon Secretary, 190 Page Youth Club 119/155

LONDON, 8.E.5 BT. OILES YOUTH DENTRE Souler VOUT: WORKEN required for the above voluntary ornentarion. Sherioned necessiry. Strong phonortian form averaging attraction to the strong phonortian form averaging attractional forms and the strong phonortian form averaging activities in militire sultural contexts.

Bajary J. N. C. 311.

Application forms from the Sec. relaty by Sath Alleid.

YOUTH AND COMMUNITY SERVICE

I.ONDON

ASSISTANT VOUTH LEADER (Influer required of well established traile to Marth Kensington run by small ribarily and prais-olded by I.C.L.A. Membrethly about 100 over full Youli Service ago reful voulle service in the service ago reful voulle service ago reful voul

Turther natitulets and applica-tion form from: Organizing Becra-tory, Foathers Clubs Association, 12 Tossmore Hoad, London, NWT 6NJ. SHEFFIELD

Willo for Job specification and polication form in:—Mr. P. K. Tody, Comoral Socretary, Y. M. C. A. I Irreembell Rond, Sheineid Bludon, 100, 110, 662367.

YOUNG VOLUNTEER National Vonth and Community Work Organization FIELDWORKEN IN READINO To work in n icom of three willKER required for an asmbilshod youth project coacenitriling on work with additional experiencing difficultos with school. Must hove coportones of working with adolescents, preferably in information of oducations in the solitons of ninitiory opencies. Solitons of ninitiory opencies.

YOUTH AND COMMUNITY SERVICE

Applications are invited for the following lull-time cost which has become vacent:

### Community Liaison Worker

at the Whittingham Youth Centre, Walthemslow, E.17. Interested persons (Male or Famale) will need to have a sound grasp of Youth Work theory and practice, together with Community Work akills. He/she will work in close co-operation with the Youth Centre Manager in halping to expand the work of the Centre in the surrounding neighbourhood. Applicants must be in possession of a recognised protessional qualification in Youth and Community work.

Salery will be in eccordance with the Burnham (Further Education) Lecturar 1 Scale, rising to a meximum of £4,674 inclusive of London Waighting, plus a Cost of Living Allowance of between £445 and £492 (dapending on the incremental point of the Salary Scale on which the successful candidate is placed). The starting salary will be delermined by the age, qualifications and religious determined by the age, qualifications and relevant experience of the successful applicant.

For further detettle end en application torm, wille to Mr. J. N. Perker, Principal Youth and Community Officer, et the Municipal Offices, High Road, Ley ton, London E10 SQJ. Closing date for receipt of applications: Monday, 12th Beptamber, 1977.

London Borough of ----Waltham, Forest

The British Council

# Teacher Training Posts in Nigeria

MATHEMATICS AND AUDIO VISUAL COMMUNICATIONS

Applications are invited for the following posts, which it has been agreed that the British Council should fill under the Aid to Commonwealth Teaching of Science scheme as soon os possible and preferably not later than January 1978.

### 1. Lecturer/Senior Lecturer in Audio Visual Communication, Alvan Ikoku College, Owerri, Imo State

Alvon Ikokn College, formerly the Advanced Teacher Training College, olfers both initial and in-service teacher training and has at present 2,000 students. There are seven teaching staff in the Department of Audio Visual Communication, which has 4 studies equipped for microteaching. It is planned to produce videotage material for other teacher training colleges, as well as to extend the work of the department to cover proposed Teachers' Centres.

The holder of this post will be expected to conduct in service courses on production techniques and to assist in the development of a comprehensive Audio-Visual Centre and the training of staff. He or she will produce abort educational programmes for use in the College and in other institutions, particularly in science education.

The successful candidate will have an appropriate science degree, preferably in Physics, and a professional qualification; a higher degree will be an advantage. Ton years' post-qualification experience is desirable, and should be sufficiently wide to anothe assistance to be given to all College departments in the production of programmes. Experience should include acience teaching, the production of television programmes and some experience in the use of television in the training of teachers.

### 2. Lecturer/Senior Lecturer in Mathematics Education, University of Ife, Oyo State

The Paculty of Education of the Univaristy is responsible for a wide range of courses in education at all levels of teacher training end rotraining, including e 3-year BA/BSc degrac in education; e one-year Associateship course for experienced serving primary teachers; e postgradueta diplome in aducation; and various either professional and vocational courses.

The holder of this post will have a major concern with the primery inservice work in mothematics, particularly the Associateship course, and will also be expected to take part in work with several existing and planned Teachars' Centres. The job will include materials development for the Associateship course and for the Teachars' Centres and it might be possible to become involved in curriculum work in schools.

The successful candidate will have

The successful candidate will have an appropriate first degree, probably in mathematica. A professional qualification end a higher degree will be advantages but more important is at least five, years experience of paimary mathematics curriculum dayelopment and materials development for teacher training and in-sorvice training initially for two years, with secondment to the British Council on contract terms, may be on secondment from a candidate's present employer.

The salary scola is between about the contract and invalidations and invalidations and invalidations are applicable.

The salary scola is between about 25,500 and £8,900 and overseas allowances are between about £2,300; and £5,500 and £8,900 and overseas allowances. Free furnished accommodation overseas, paid passages for family and children's education allowances will be provided.

Selection will be by London interviews and board, while or telephone, quoting to Siaffor furniar datails and an application form to be returned by 19 Saptember, to Siaffor Recruitment Department; The British Council, 65 Davios Stroet, London Wily 2AIA, telephone 01:493 8011, ext. 3041

THE TIMES EDUCATIONAL SUPPLEMENT 19.8.77

**Byerseas Appointments** 

EXCIL IN TORVO TACH IN TURN'S TEACHER and TACHER for infinite required of animals. Excellent selection. Later thang this month.

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# OVERSEAS TEACHING POSTS

(SPAIN)

The British Council School, Madrid The British Council School, Madrid
Candidaise should be trained teachars with either a
degree in or including Science or a teaching
certificate with Science as a main subject. Experience
of leaching science up to 'O' level essential.
Salary: approx. £3,209-£4,983 p.a. tax free.
Benafits: Expatriation ellowance, employer's portion
of superannuation, madical scheme. 2 year jocal
centract, renewable.

77 RS 74

(SUDAN)

Sudan English Teaching Institute, Khartoum To develop and teach major portions of new diplome in TEFL tor Sudanese non-graduals accordary school

Degrae plus MA in Applied Linguistice (or 1 year University diploma in TEFL) and at least 3 years' relevant experience including teacher training and EFL teaching. EFL teaching. Salary: £4,589-£5,818 p.e. plue 10% inducement

allowance.
Benefils: Personal and children's ellowances, Iree
fumished accommodation. 2 year contract, renewable.
77 HU 88

ASSISTANT DIRECTOR OF STUDIES (ESP) 2 SENIOR INSTRUCTORS (ESP) 2 INSTRUCTORS (ESP)

Mandale Councit Teaching Centre, Tabriz

Mandales under contract to teach ESP in Feculties
of Englies sing/Modicine in University of Azerabadegen:
. A00S: To supervise and coordinate teaching,
including programme planning, materials design,
issching instruments; itolson with University
authorities: to teach 8 hours per week: to develop feeching instruments; itoleon with University authorities; to tench 8 hours per woek; to develop in service treining programme. Degree plue MA in Applied Linguistics or equivalent plus 6 years' TEFL/ESP experience including ESP at university level. Single or instried candidetas (maximum 2 primary age children). Salary; £8,230-£7,054 p.c.

Senior Instructore (1 per Feculity): responsible for day-to-day running and design of ESP programme in respective laculities and detailed in-service training: to isson a total of 18 hours per week (University and

Degree plus MA in Applied Lingulatics (or equivalent in science education) plus 8 years' relevant TEFL/ESP or science education/ESP experience. Single or married on additional plus science of the scien married oandidates (maximum—2 primary age Selery: £5,210-£8,028 p.e.

instructors 1 To teach 20 hours per week and help prepare mejeriale.

Dagres plus 1 year university qualification in TEFL ead 4 years TEFL expendence including ESP. Single caldidae only or merried couple both to leach (no caldidae).

Mary: £4,588-£5,618 p.a. Benefits (eli posie): accommodation allowance:
personal allowance; children's education allowance
(excluding instructors): employer's portion of
supersnnualion; 2 year contracts. 77 HO 113-117;

HEAD OF PRIMARY DEPARTMENT (COLOMBIA)

Dombian School, Bos dependent co-educational day echool of 750 pupils

19-19.
Head of Primery (Sacond Daputy Head) raquired for January 1878.
Cualified teacher eged 25-35 with 3-5 years' experience in Brillish achools. Knowledge of Spanish essential. TEFL qualification an edvantage.
Salary: Burnham ecale (group 8) + 1 point.
Sanaille: bassaga allowance; 2 year contract, Isnewable.

(VENEZUELA)

British Council Institute, Meracalbo
Degrae or teaching certificata. Postgraduale TEFL
qualification end e minimum of 5 yeers' TEFL
experience. MA in Applied linguistica desirable.
8elery: £5,210-£7,054 p.a.
Ranalita: Overseas ellowances irae accommodalk Banailts: Overseas allowencas, Iraa sccommodellon, medical scheme, euperennuation, assistancs with local car purchess, 2 year contract. 77 PO 140-14

LECTURER IN ENGLISH (TUNISIA)

University of Tunia
To be in cherge of Spoken English Section and
Languaga Laborainriea.
Degree, 1 year posigraduate TEFL qualification or
MA in Applied Linguistics, at least 3 years expensace in TEFL. Knowledge of French. UK citizena with Srillsh

educational background.
Salary: Not less than 400 Dinara par month (present rate of exchange Dinars 0.740 ≈ £1).
Sensilts: Membership of British Council Medical Schems; 2 year contract, renewable. 77 CU

COMMUNICATIONS SKILLS IN ENGLISH PROGRAMME (SAUDI ARABIA)

King Abdul AZIZ Univerelly, Jeddeh
This programme has been developed over the lest
2 years with British Council proleasions; support end
has involved the production of specialized teaching
materials for the implementation of English medium
courses in the Feoulities of Engineering and Medicine.
Required for September, 1977. Required for September, 1977.

TEACHERS OF ENGLISH WITH SCIENCE BACKGROUND TEACHERS OF SCIENCE WITH INTEREST IN

ENGLISH LANGUAGE Greduates with a postgraduate qualification in TEFL and experience of or interest in leaching English for and experience of or inferest in teaching English for science and technology. In the cease of eclence graduates the TEFL qualification may be waived. Exceptionally well qualified candidates may be considered for the more senior post of Meterials Writer. Salary: £7,082-£12,852 p.s. Benefits: Free jumished accommodation is provided but single cendidates will have to share: 60 days' ennual leave. 1 year contracts, probably renewable.

77 AU. 84-93

2 LECTURERS IN ENGLISH (KENYA)

Department of Linguisiles end Ardeen Lenguages, University of Nairobi
To develop and teach a new remedial course in English for tirst year students.
MA in General or Applied Linguistics, at least one previous eppointment in ESP overseas and proven ability to produce appropriete leaching meterials. Salary: 25,210-27,054 + 10% Inducement ellowance. Benefits: Personal and children's allowances, free furnished accommodation. 2 year contract.

DIRECTOR OF LANGUAGE TEACHING INSTITUTE (QATAR)

Duties: To be responsible for the edministration of this Government institute and the organisation of language courses for Government employaes.

Select : 28,060 p.s. free local lex.
Befreitte: Free furnished adommodation, transport allowance, annual passage-paid leave. 3 year contract renewable.

77 AO 142

2 ENGLISH LANGUAGE INSTRUCTORS (OMAN)

Ministry of Delence
Duties: To teach English and some basic Arithmetic to members of the Sulian's ermed forces.
Qualifications: Candidates, eingle men only, should hold e university TEFL qualification and have et lasest 2 years TEFL experience.
Salary: approximately £8,000 p.s. tree of local lax.
Sanafils: Free accommodation, terminal gratuity, 60 days' annual passage paid leave. 3 year contract, renewable.

77 AO 143-144

British Council | for National Transes Oli Company)

Ahwaz
Te leed e email leam locching English for Special
Purposes and preparing malerials.
Degreo or teaching certificate; one year postgreduals
qualification in TEFL/TESL and aubelential experience,
preferably oversass. Single candidates preferred.
Balary: £5.210.£6.028 p.a.
Benefils: Ahwaz allowance £1.042.£1.205 p.a., frae
turnished accommodation; employer's portion of U.K.
supporanualion. 2 year contract.

FNGINTER/SUPERVISOR

(SPAIN)

The British Council Institute Madrid
Candideles should be qualified to HNC/Cily end
Guilds Final Cartificate level end heve at teast 3 years'
operations and maintanance experience in a
broadcesting or high quality closed circuit islavicion

eludio.

Experience in studio lighting and electronic editins on 1 in. video tape recorders and/or a knowledge of lenguege leboratory equitment would be an advantage. Balary: £3,850-£6,192 per annum at present rate plus silowences of up to £1,179 per annum, at present frace of local tax.

Benefits: Seggege allowance, rent ellowance of spproximately £310 p.s., ohildran's education silowence, medical scheme, employer's portion of superennuation and national insurance.

Local contract, renewable.

77 RO 123

REGIONAL ENGLISH LANGUAGE ADVISER

(YEMEN) Regionat English Lenguage Teaching Adviserate, EJ Hodoida.

To work in all especis of the ELT programme including To work in att especia of the ELT programme including inspecting and advising teachers, teaching demonstration classae, responsibility for preparation and administration of examinations and tor books, teaching aids and supplementary materials. Candidates (men only) should have Sritish educational background, a degree and a university/RSA qualification in TEFL plus at least 7 years' experience.

University RSA quelification in Terr plus of Joseph 7 years' experience, Saiery: £5,210-£7,084 p.e. : 1 Sanefils: Personal and ohildren's ellowances: free accommodation. 2 year contract. 77 AE 18

LECTURER IN LINGUISTICS AND TEFL

(BURMA)

Inatitula of Education, Rangoon Degrée, poatgraduate quelification in linguistics/Applied linguistics or postgraduate diploma in TEFL/TESL and previous overseas experience essential.

Salary: 25,210-27,054 plus 10% inducement allowance. Sensits: Personal and children's allowences, free accemmodation; madical schema; employer's portion of auperannuation contribution.

2 year contract. INSPECTORS OF ENGLISH PRIMARY (CAMEROON)

(CAMEROON)

Educational Delegationa for the east and north Provinces: Serious and Garous.

2 members of a team concerned with the introduction of English in Francophone-Primary Schools. To Inspect classes, advise teachers, organise in-service courses.

Degree (preferably in English or Modern Languegea)

1 year University diploma in TEFL relevant experience preferably including teacher training; fluent French.

Men only,

Salary: 44.589-25,618 p.s. plus 10% inducement.

Hanafits: Personal and children's allowances; free accommodallon, 2 year contract.

78 HE 5-8

(CAMEROON)

Buea
To advise en English Language teaching at Primery,
Secondary and Teecher Training levels. Degree
teaching qualification end MA in Applied Linguistice
(or 1 year University diplome in TEFL/TESL); at lacet
4 years relevent experiences, preferably overseas
and in teacher training; good Franch.
Salery: 24.588-25,618 p.a. pitts 10 per cent

Benefile : Personel and children's ellowances ; free lumished accommodation ; 2 year contract. 77 HE S

COUNCIL

Return large are paid. Local contracts are guaranteed by the British Council. Please write, briefly stelling qualifications and length of appropriate experience: quoting relevent reference number and title of post, for turiliner details and an application form to The British Council (Appointments), 68 Davies Street, London W1Y 2AA.

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Educational

**Psychologists** 

Child Care

ecellaneous

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Forth.

Iddition in salary payable.

If for Senicipher 1977:

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william forms obtainable on the state of S.A.S. (roin the Music Montre, Ouocas, Isadon, E.17, Idonton; 1991.

Northallerton DL7 8AE.

Post No. CS128

COUNTY OF NORTH YORKSHIRE

SENIOR

**CAREERS** 

**OFFICER** 

Harrogate Area

inclications are invited for the post of Senior

Careers Officer (Team Laadar) at the Harro-

Salary Scale: AP.5: £3,825-£4,095 plus Phasa I and Phase II Salary Supplements.

Application forms (to be returned by 26th

August 1977) and further datails from the County Education Officer, County Hall,

301 1234 145 plue £312 additional supplement,

Applications and women who hold the Diplomo in Careere Guidance. University states or lhose holding comperable qualifications also be considered. Relevant experience in the property of commerce is desirable.

tesping, industry or commerce to destrable.

The Careers Officer for Further and Higher Education with the directly responsible to the County Careers officer and will be concerned in co-operation with the projects and Directors of Further Education establishments in developing operates guidance for students shalling those establishments.

ferication forms and further details from the County tousion Officer (G), P.O. Box 47, Threedneedle field, Market Road, Chaimsford, Easex (Tel.: Codesiord 67222, ext. 2608). Closing date is 2nd sedember 1977.

Essex County Council

(meers Officer for Further

and Higher Education

COUNTY CAREERS OFFICE

Applications are invited from qualitied English language teachers prepared to leach basic and industrial English, to Libyan employees at Essa Standard Libya oil and gas

You should possess a recognised professional qualification and have between three and live years most qualification experience in teaching English to foreigners. Experience in teaching Arab Nationals would be a distinct advantage, but knowledge of Arabic is not essential.

The oppointment is on a 'bachelor' basis and the employee will return to the U.K., of company expense, five times

An excellent oversoos solony will be paid and comfortable living quarters and good recreation facilities are available. Place write initially with brief porsonal, career details, quoling reference OR/402 los

Mr. W. J. Solley, Employee Relations Dept. (Overseas), Esso House, Victorio Street,





### BELEASTEDUCATION AND LIBRARY BOARD Senior **Education Officer**

(2 Posts)

SALARY: 27,455 x 3 (£180)-27,995 plus aupplements

Applications are invited for these two poets which are at Head of Department, level and which together with the Chief Librarian, the Chief Architect and the Chief Administrative Officer form the sentor menagement team reporting to the Boerd's Chief Officer. The appointess to the poets will be jointly responsible for the Boerd's Education Department whose reaponsibilities have recently been extended to include the co-ordination of the major educational programme of the Belfest Areas of Need project. The Education Department is concerned with all the Board's educational establishments including the snitre range of schools, colleges of further education and youth clubs, and incorporating a range of services and including the school psychological service, the edvicery service, adult educational guidance, education, walters, school meets, teaching aleft appointments, student grahle and assistance to voluntary youth clubs.

In broad terms one of the Senter Education Officers with the responsible for the educations institutions and the clinar for services including the capital development programme. The letter will else assume direction of the Better will else assume direction of the Better will else assume direction of the Better will else assumed the lormer will have a similar tole in the reorganisation of secondary, education. Applications are invited for these two posts which are

The Ballasi Education and Library South a corporate body, is the Education and Library Authority for the Ballast erea, the area encompassed by the Ballast City Council. The population of the area is approximately 370,000, of whom about \$2,000 are children of compulsor Bohool age,

candideles for appointment must hold a degree or other such proleasional qualification as is, in the opinion of the Board and the Department of Education, equivalent thereto and should have an existality range of isactling experience. Preference will be given to gandideles with experience in education edministration. Unless candidates indicate lites there is a particular sepect of the Education Department's work in which they would not be interested. If would be assumed that they wish to be considered for atther of the posis. for either of the poste.

Assistance with removel expenses will be paid to an appointee conting from outside, ireland.

Fusiner information about the appointments to evallable from the Personnel Officer, Board, Headqueriere, 40 Academy Street, Beliest BT1, 2NO (Telephone Beliest (9232) 29211). The closing data for receipt di applicatione la Fridsy, 9 September 1977.

### Administration

Local Education Authority

BUCKINGHAMSHIRE BUCKINGHAMSHIRE
LOCALIBIN DIPARTMENT
CARLITIS OF DATE
LOCALIBIN DIPARTMENT
Salary: A.P. 1 (C.2.27) to
LOUI plus 5 per cent calary
supplements. A.P. 1 (C.6.77) into
two years of qualified service
To loth digitalizate from hised at
light bycombe, covering tomplete
range of advisory work. Liseontal
car user ullowanter, Promised allowance of up to C.P. 0 payable in
approved cases,
Lurther particulars and spoilication forms from Chief Education
Officer, Towart Hall, Arlesbury
RIPZO U.A. on receipt of a stamped
addressed envelope Campicion
applications to be returned within
17 days of this advertisement.

CENTRAL REGIONAL EDUCATION DEPARTMENT—
CANCELLIS

CARGINS OFFICERS Olirung Careers Office 12 posts t N.J.C., A.P.T. and G. Services Carours Officer Grade \$2,001 in \$3,282 plus \$5rg auption of the workly carnings outpitionni. Cusual utors car allowance, . One poel is leinnorary, es-landing Under present aureo-pical lo Baptrmbar, 1978. 'The auccessful candilaies will form part of the Silding area caeobra ieum. The work covers all especis of carers guidance and placoment. Applicants should have coar-ploted the Careers (inidance Diploma Course. Applicants, mole of length, should apply in writing event age, qualifications und experience to the Orector of Laurentee, Contral linging Contral linging Contral linging Contral linging Contral linging to the Markette of the Contral linging of Laurenteen Solth August, 1977.

PRINCIPAL CARECHS £5,001 to £5,304 or £5,001 to £5,564 to £5,899 plus spar cent supplement. S par cent supplement.
Applicants must be professionally quolifind with expecience in a senter position in the carsers nervice.
Application forms and further particulars from the Circolor of Supplementalion, Council Offices, Further Street, Coveniry, Tol.: 20036, Ext. 2002. · Notarnable within 14 days of

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COUNTY COUNCIL
CARBERS SERVICE
CARBERS OF ICCI in the Na 5
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Authority, based at Easington.
The past is greated ADS A within

HAMPSHIRE

TAREHAM TECHNICAL COLLEGE RECISTRAN, who will be Chief Administrative Officer and Glerh to the Covernor. C3,826 to £4,545, plus two supple-RARINGEY

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CITY OF LIVERPOOL EDUCATION OFPARTMENT SENIOR CAREERS OFFICER
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minimum of \$2.42 belary
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Salary Stair; C7, 701-C1 702 (Inclusive of London beeighting and 1903x 1 allowater plus lite diswance payable from 1-1 duly, 35-77, applicable unfor 1913x 11 of the Park Agreement should have appropriate application of the Park Agreement should have appropriate application and expedience. Duling include application. Buther include application of sudients with health, thundrial and home problems.

Applicating farms and details from the Education Officer. LO 1 stab. 2A, 1. Addington Street Anneas, County Hall, London SET 7021.

Picase entities a stampole addressed encourp for reply, 1973.

LONGON INNEIL LONGON EQUICATION AUTHORITY SOITH LONGON COLLECT Knight's Hill SE27 UTX

STUDENT SERVICES OFFICEN Sainy neator 13, 391 to 64,792 inclusive of London to 70, 100 inclusive of 100 incl iosiris.
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BUNOERLANO EOUCATION DEPARTMENT CAREENS SERVICE

GLOUCESTERSHIRE

GOMMONTY COUNCIL
Applications are invited for the
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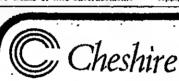
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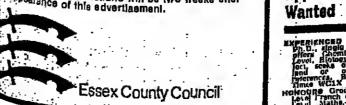
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# Down Commercial Road A newer wave?

### Rosemary Hartill on the London Youth Dance Theatre

End is just another of those long, to make their own choices." depressing streets that lend out of town. On the hosrded-ng ship fronts, defuced postors advertise last week's show at the chemo or or eight minules, tecnagers from o variety of state and privete schools and colleges from that areo and several other ports of London have been coming to Tower Hamlets School in Cummercial Road every Saturday oftennou to take part in a groun called the London Youth Dance Theatre. Some of them had hardly uny previous dunce training. yet at the heginning of July they presented an exceptionally creative nwdern dance programme at Sodler's Wells Theatre to music by composers like Richard Rudney Momett and Julin Tavener, with the majority of the works choreographed by themselves. The following week they gave o performance at the Queen Elizabeth Hall on the South Bank, and they completed the summer term with another show at the Chilchester Festival. The critical responses has been, withnut exception, enthusiostic.

The group's looders and founders are twn yuuitg teachers from Towor Hamlets School: Hllory Bull, head of physical education and coordinstor of the Allied Arts depurtment, end Linda Rohlnson, oasistant head of physical education. When I arrived one Saturday, both of them

worke looking rother oress. Only five out of the 24 harformion that week hid har the classes that are held regularly of the action. "They'll enjoy the porformunes en Wodnesday", and Lindo Robinson. "Ond of course they'll be Roblishn," ond of course they'll be along to the vehenceol this afternoon, but they won't get eut of bed

"They roolize that dauce is o discipline", Hilary Boll snys, "but they hove td recognize that the importent thing is scif-discipline.

Commercial Road in London's East to do all the time. We want them nions and discussing each other's

a percussion class to help with rhythm. Not surprisingly for a group of this oge, thoir fuvourite form of practice is pas-de-deux.

There were problems, of course, to begin with, and some frayed tompora, particularly os the boys were of a lower stantierd technically then the girls. Things improved efter join Rayen, a former dancer, demonstrated to the eight boya that the art of porthering involved rother more subtlety then genthing and lifting. Classes only rehearals have been supploutented, ion, with sessions with Micha Bergese, from the Lundon Contemporary Dance the Lundon Contemporary Dance Theetro, and Aliatair Livingatone, theotro designer.

But perhens the key to the success of the group so far has been the involvement of everyone in the chareography. By splitting intu sec-

ondon Youth Dance Theatre

I to the all the time. We want them to make their own choices."

There is certainly no lack of continuings and discussing each other's experiments, they are learning to think critically and discover what images project, the relationships, full of strongs images, incomplet, the relationships, full of strongs images, in more and ling and project, the relationships, full of strongs images, in the other its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But h's really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its "Sometimes I get pissed off. But his really worth its off pissed off. But his really of them were very set in one style, This way they learn to expeciment to find the lest movement for what they want to express.".

Ten yesrs ogo, dance was a nonsubject in most schools. Today,
modern dance has found a place
in many secondary school timotables, and ballet listory is now
on accepted O level subject.
London Youth Dance Theatre—
with hardly any resources except
for entire-land and dedicated
leadership—points the way to really
creative involvament. Plans for the
future will extent in to draw in
odier techagers to handle scenery,
lighting, box office, publicity end
the rest to make it truly o theatre
for youth by youth. If I were 13,
I would be there on the Commercial Road, demanding to be let in.



# Miraculous Mikhail

### Edward Thorpe

In the two yeers that Mikhall Boryshulkov has been denoted in 26 different bullets, from the tangent written for him by some of the war and the result of hard werk and dedice the classics to roles that here was a sum of gifts from the gods. For what marks him out as argnobly the greatest male denoted since the first at the first

# New and old Philharmonia

In Soptentior, the Now Philiter mente Orchostre and Chorus will the reverting to its eld title—simply "Philitormonin"—ond with this chorgo of nente go inoves tewords a change of Image.

Guyin Hendorson, general manager of the NPO, wants to bronk down the "meot end drawbridgo" ottitude—the orchestro on the plutform und the outlierce sefoly down lecture of the orchestro on the plutform und the outlierce sefoly down lecture of the orchestro on the plutform und the outlierce sefoly down lecture of the orchestra will pley in local churches will pley in local churches and they hope to give a series of ynuth concerts in the NPO ncincipals played with ond guve master closses to the Medway Youth Orchestra, and they, in turn of the NPO rebeares to the Medway ovents. If you would like to work with than end to see thom work with the orchestra will pley in local churches will pley in local churches will pley in local churches and they hope to give a series of ynuth concerts in the NPO ere anxious to heor effort the NPO rebeares to the Medway ovents. If you would like to work with than end to see thom workings ef the occhange.

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been quito wrong.

The past 10 years have seen a major reversal of roles in the area of International film production out, perhaps most encouragingly, the revitalization of the American directors mensioned earlier buve o particularly reconsisting film scene by the advent of such new talents as Robert Altman, Francis Ford Coppola, Martin Scoresce, Brium de Palma and Steren Spielbarg. The loosening of the grip of the major studios during the fifties, seen by the prophets of doom os the beginning of the dreaded lure of televisiun, did not result in the total collupse of the film bishuess. What it did do was to create a freer, if more risky, environment in which new, inventive directors (mony of thom nuttured in the Roger Curman stablo) could operate and expariment.

Three Women and Crismann, troof the most highly crited films limited in the residence of the singles motel inhabited by his three women.

Three Women and Casanum, two of the most highly rated films currently in London's West Endillinstrate perfectly both the American trend towards independent innovotive directors and the development in the European "art film" directors of the fifties and sixtles of e taste for lorger, more luvish, more obviously commercial films (Traffaut is a guad example of this, ospecially with Day for Night, and Pasolini onother). It would containly those too fur for the sake of critical interests in the Late Shore) and informally to quite wrong to imply that the new school of American directors had an exchalave lien on the areas of growth and copordment within the world af commercial cinema. With the prodigious output of the now breed of young Gororou directors (Possbinder, Wotders, Schimdorf, Herzog, etc) and the growth and off, Herzog, etc) mid the growth and off, Herzog, etc) mid the growth tool of the growth and off, Herzog, etc) mid the growth and offer the growth and offer the growth and offer the growth of film-moking activity and tred. Three Women and Casumum, too three women, of the most highly rated films as Pouliac currently in London's West End, gaished film illustrace perfectly both the Amerilers (Possbinder, Wonders, Schlmdorf, Herzog, etc) and the growth of film-moking octivity and trodition in such hitherto maproductive orces as Ican, Switzerland, Spain, Greece and Australia, this is potently nonsense. The continuing production of traditional andience foddor by American compoules (ovon Rocky for all its owners and motority at the end of the day and motority for the changes—but at the end of the day the most important fact is that changes and mastery films by such furopean cames at Fellini, Truffent, Chabrol, Bertion of diet unrivolled aloce the keep clumage or richness and variety of diet unrivolled aloce the metallic production of traditional andience for the changes—but at the end of the day the most important fact is that changes but at the end of the day the most important fact is that changes but at the end of the day the most important fact is that changes but at the end of the day the most important fact is that changes but at the end of the day the most important fact is that changes but at the end of the day the most important fact is that changes but at the changes but at

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Michael Grosvenor M1,

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Three of the folk revival.

Three of the best folk musicians the programs of the folk revival.

Three of the best folk musicians and Irish deece music on guing and Irish

theatre and education

June Phillips has built the comlay up over 12 years with the help
lay up over 12 years with the help
lay wells. Arts Council. They
havetgaular versions of The Snow
have and The Phontom Tollbooth
have masked puppeteers acting os
lay puppets and projected sildes
capaign the set to give the ideo
damagical journey. Carlcature
lawe tours theatres, schools, art
lookes, etc., at 50p a head. Inquirlie the Administrator, Caricolare
lawe, Station Terroce, Cardiff s Theare, Station Terroce, Cardiff

From farytale witches to the Energy Churchill's closely written furly Churchill's closely written Furgar Tom performed by Monstree Regiment at Cardiff's Chopter Ibeat. Which seems to have

Register Tom performed by Monston Regiment at Cardiff's Chopter Items and a vereinted store.

Bock in Bristol, Bollet Rambert Production of 'The Snow Queen' in an excellent introduction to dance for schools at the Theorem Royal, showing the beginnings of Royal, showing the beginnings of Royal showing the Bristol Royal showing the Rambert Production of 'The Snow Queen' in the Caricuture Theotre Royal showing the Royal showing the Bristol Royal showing the B

Phantoms, fairytales-and fascism

witch and must die.")

Alice and her friend (beaten by husband, always crying) silck pins into an image of Alice's faithless lover—for a joke. The friend's beby twists up, turns blue and dies, us do the neighbours' cuttle. Enter the professionsi witch hunter and his pokerfaced woman helper to extort confessions through sleep denrivotion and stobbing. If you don't seres you're a witch; if you don't seres you're n' witch; if you don't seres you're pratending not to ba. "I can sink", says one "witch; "but hove not to drown?" Concers are signs of sin; a lump in the broost is for suckling the devil. The audience langhed at superstitious idlocy then sat stunned from the documentory punch of the trial and torture scenes. It borely needed the songs between scenes to remind us of the exploita of the modern priest-lined of muternity and mental hospitial and armed stote.

Bock in Bristol, Bollet Rambert



43 Arts/Reviews

Meanwhile, Bristel University drama department's summer school produced The Dentist from o comment department of the scenario by Flominio do Scala, which, dospite its brilliamly perspectived street actuaried out to be line more thou an ocodemic romp with the acturs not really looking the audience in the eye, or teasing or playing with it enough. Perhaps I bit o perticularly reapectable night at the Vacadyck Theatro—there were some prodyck Theatro—there were some pro-mising exclusinges botween the boost-ful Captain Spovento and the few

Other atudents spent weeks littervicwing, analysing election dota and consulting specialists on the rise of fascist patties in Britain since the thirties in order to produce Creatch at Bristol Arts Centre to which I was invited to bring e school audience.

speed flowers in o black silhouleadscape, curly wire outlete and oriental seasers, multi-coloured shadows, multi-coloured shadows, multi-coloured shadows, multi-coloured shadows, and the "cuming from the centre of the body."

I addicape, curly wire outlet on the seasers, multi-coloured shadows, and the "cuming from the centre of the seasers, multi-coloured shadows, and the "cuming from the centre of the body."

I addicape the shadows puppered with Alice, the unmorried proposed to yogo-influenced modern white, group from Kilburn, drumping from the centre of the body.

I addicape the shadows puppered with a sprinkling of white, looked dazed, the clapped ond channed and swarmed over the drains, which of west indians as the conduction of the sweet state of the works behind the reflection corrections of the sweet season as the company obeyed the season as the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the sweet state of the company obeyed the season of the same of the company obeyed the season of the same of the company obeyed the season of the same of the company obeyed the season of the same of the company obeyed the season of the same of the company obeyed the season of the same of the company of the same of

The trouble with the collective decimentary process is that, unless it is really firmly directed and thought through in relation to the andience, it can end up os o confusing mass of focts which can be taken in a way quite opposite to libers! good intentions. (There were black/white agre to school next day.) For from being objective, the process con simply reflect maknowing middle-closa prejudice (hence the Mrs Mupp working class and stereotyped Jewish occents—how real the borrowed West Indion actors sounded in spite of their limp and passiva murts!) "Left-wing agitator" seemed to have stroyed out of a Morellty play.

"I should hope so!" said a Pakisten! glr!, when she heard that the atudouts had rewritten parts of the play after encountering the school oudience. She had spoken about racism emong teachers during the discussion. When the Front callad ot her house they started tolking

the firstlons arguments and statis-tics of the Natiouol Front, to explode the myths about lazy blacks

our discussion. When the Front called to the house they started tolking to ber grandmother who is white.

They soon loarnt their mistake.

# Thirteen to nineteen

and of Ben Baget was about o

is just let lebs.

They were originally written at the second of the pressures seed problems. They are so well stated have been so successively period.

They are now being shown as viewing time during the place up, period.

They are so objust of the pressures seed problems and they are now being shown as viewing time during the school they sist feeling ebout and end up breaking the place up, cousing an immense amount of daming without really having meant or wented to do so. The main parts are played by three boys from Livernool and the play reflects very accurrencely the true spirit of vorticities of the player who gets the school during the holidays becouse the schoolkcepar has confiscated their football. Once in the school they sist feeling ebout and and up breaking the place up, cousing an immense amount of daming without really having meant of any period.

The mest two pleys deal with

the but marsalistic bey who gats it is point when he cannot tolerthe beint when he cannot to school uniform, gots a school by and a greongrecer's son; it was first produced in the "Scano" serias in 1974 and is on attempt to encourage pupils to think about the effect of seciel class on people's lives. It is a thank to gladded the sociologist's heart, but the chance to explore the the boy's predicament and the boy's predicament and the boy's predicament and the follows it is rather a scramble, dramatic, too much is left their motor bikes to Scarborough. They are in no way vielently well and the screen of the follows it to be entirely the scarborough.

The other play is ebout a 12-yearold girl who hes grown up sharing
her brother's enthusiesm for football, fige to behave as the wants to
do in a predominantly male environment. Suddenly she is ferced to
behave like a girl, to beceme a
bridesmald et a boriog wedding
histead of going to s footbell match.
Sha must prop up e cerconony which
is important to har mether but

# Absurd and fantastical

### Rosemary Linnell

Ame finds and the whole should be come of the street of th

working to such a limited brief shines through the lenguege of the pleces themselves.

It is not easy, however, to follow the publishor's intent in putting these out to the education of field; it underlines a hasic miscenceptien about the current philosophy of the publishor's intent in putting it underlines a hasic miscenceptien libitery rather than as a set of text books on the teacher's deak.

### Innocence and experience John Horder

is the second of the second serious of the second second second second serious of the second se